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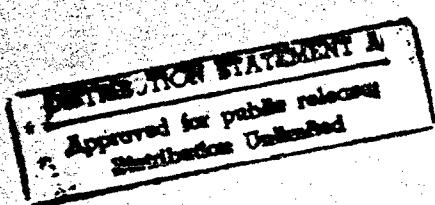
U.S. ARMY  
MATERIEL COMMAND

PROGRAM MANAGER  
RMA CONTAMINATION CLEANUP

— COMMITTED TO PROTECTION OF THE ENVIRONMENT —

DRAFT FINAL  
REMEDIAL INVESTIGATION REPORT  
VOLUME Xc  
CENTRAL STUDY AREA, SECTION 2.0  
VERSION 2.1

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DRAFT FINAL

EBASCO SERVICES INCORPORATED  
Applied Environmental, Inc.  
CH2M HILL DataChem, Inc.  
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FOR THE ROCKY MOUNTAIN ARSENAL CONTAMINATION CLEANUP  
AMARM ABERDEEN PROVING GROUND, MARYLAND

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LITIGATION TECHNICAL SUPPORT AND SERVICES

ROCKY MOUNTAIN ARSENAL

DRAFT FINAL  
REMEDIAL INVESTIGATION REPORT  
VOLUME Xc  
CENTRAL STUDY AREA, SECTION 2.0  
VERSION 2.1

February 1989  
Contract Number DAAK15-88-D-0024

PREPARED BY

EBASCO SERVICES INCORPORATED  
CH2M HILL  
R.L. STOLLAR AND ASSOCIATES  
APPLIED ENVIRONMENTAL, INC.  
DATAChem, INC.

PREPARED FOR:

U.S. ARMY PROGRAM MANAGER'S OFFICE FOR  
ROCKY MOUNTAIN ARSENAL CONTAMINATION CLEANUP

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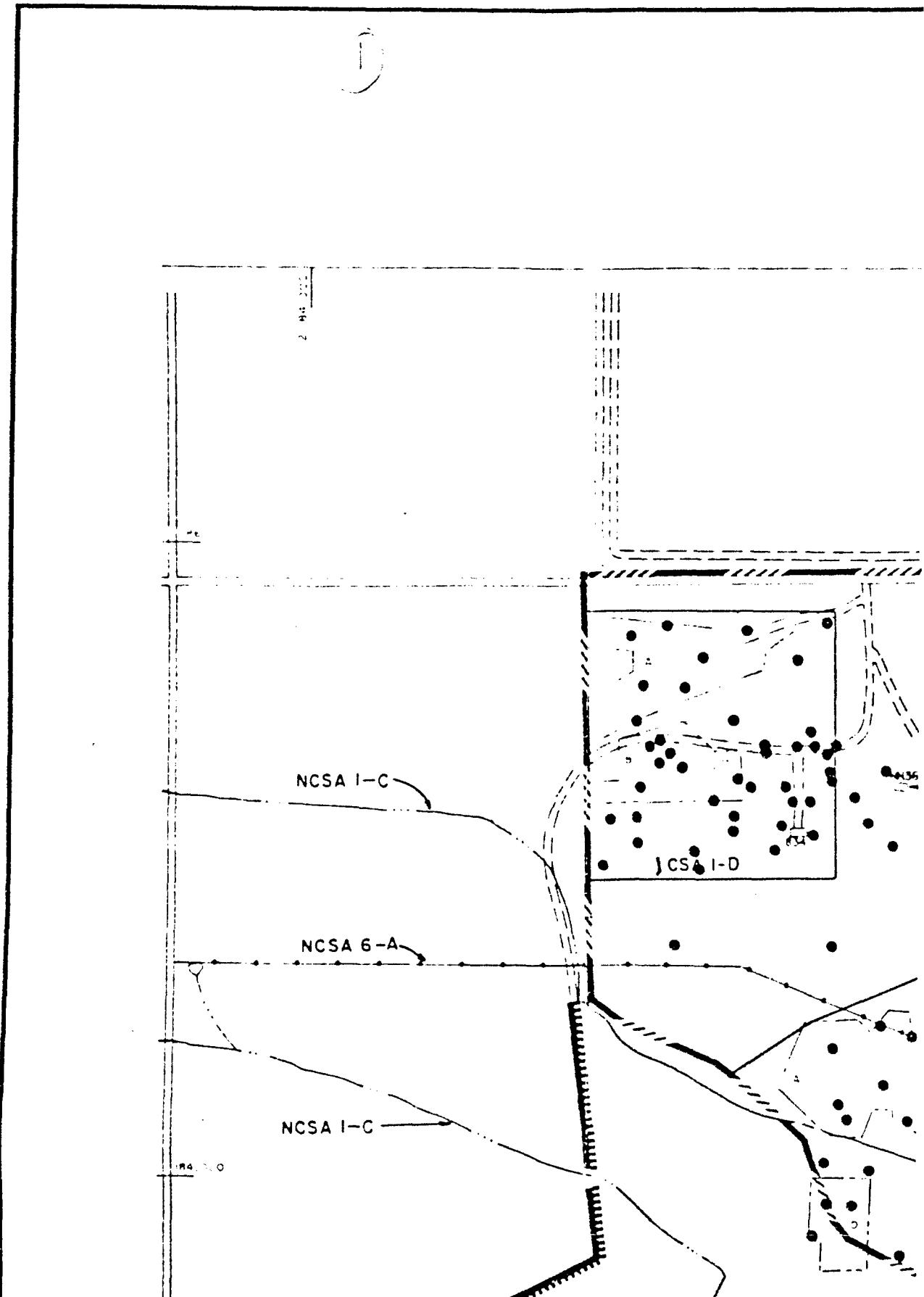
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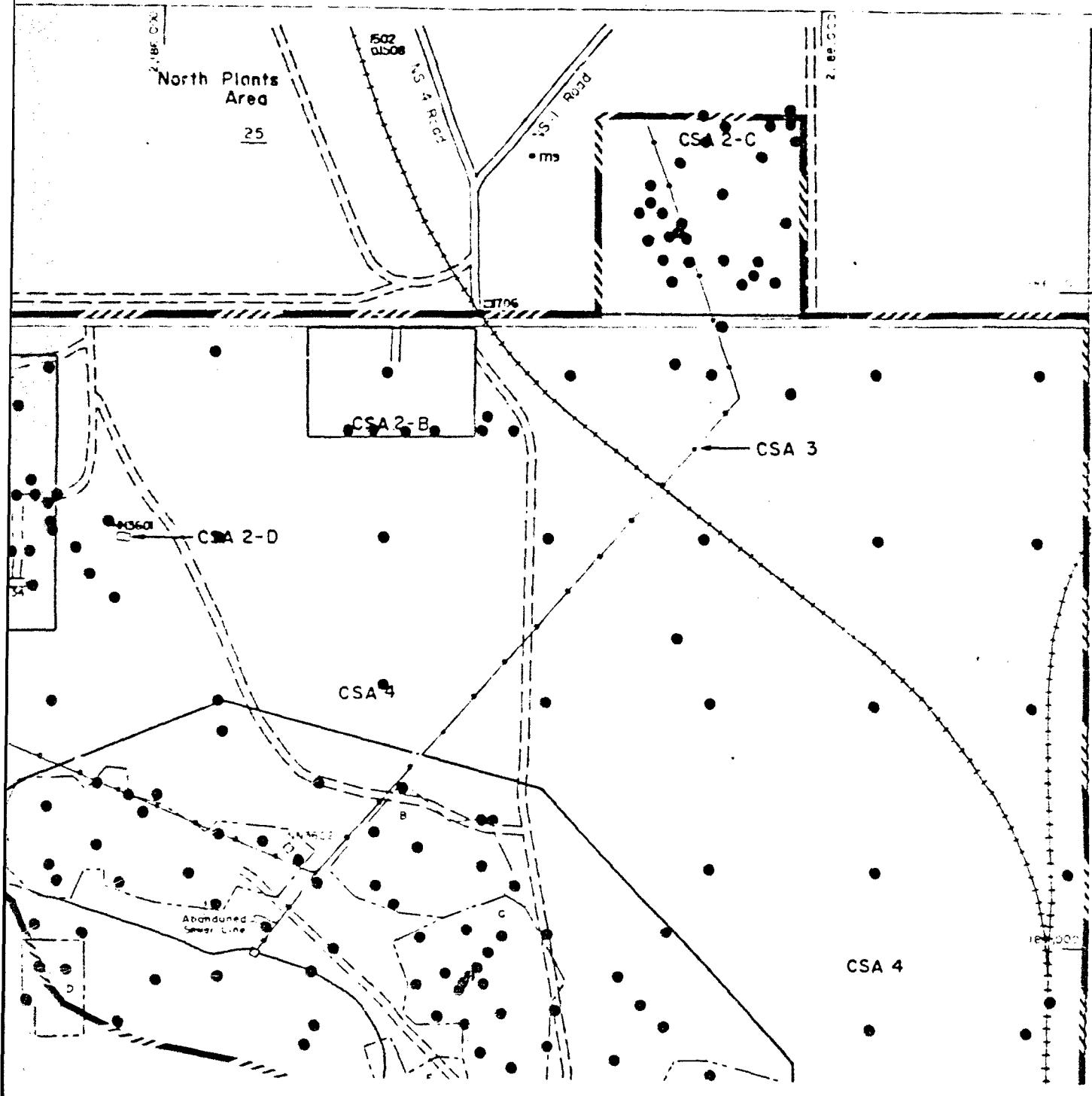
VOLUME Xc  
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0 - 2 Ft Interval

VOLUME Xc  
LIST OF PLATES (continued)  
(Plates CSA 2.1-1 through CSA 2.1-45)

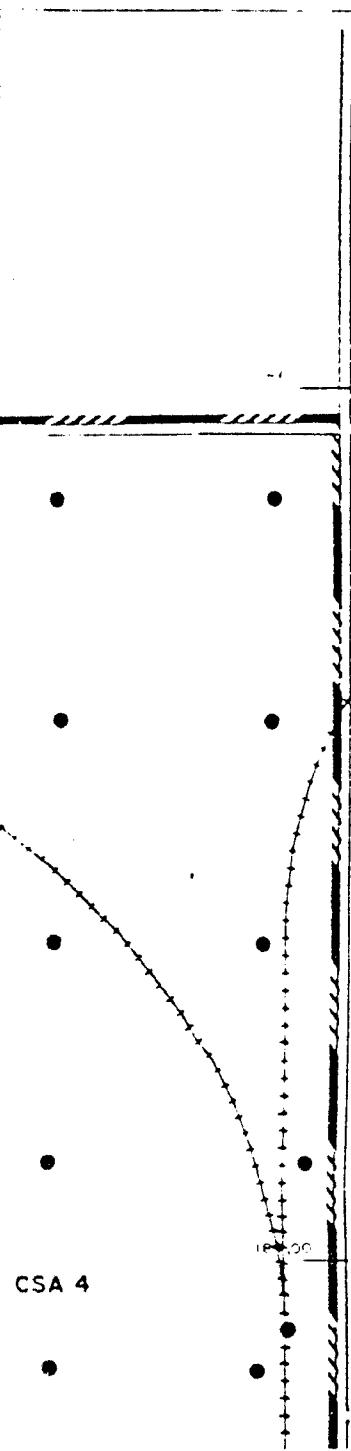
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the 5 - 20 Ft Interval
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the > 20 Ft Interval

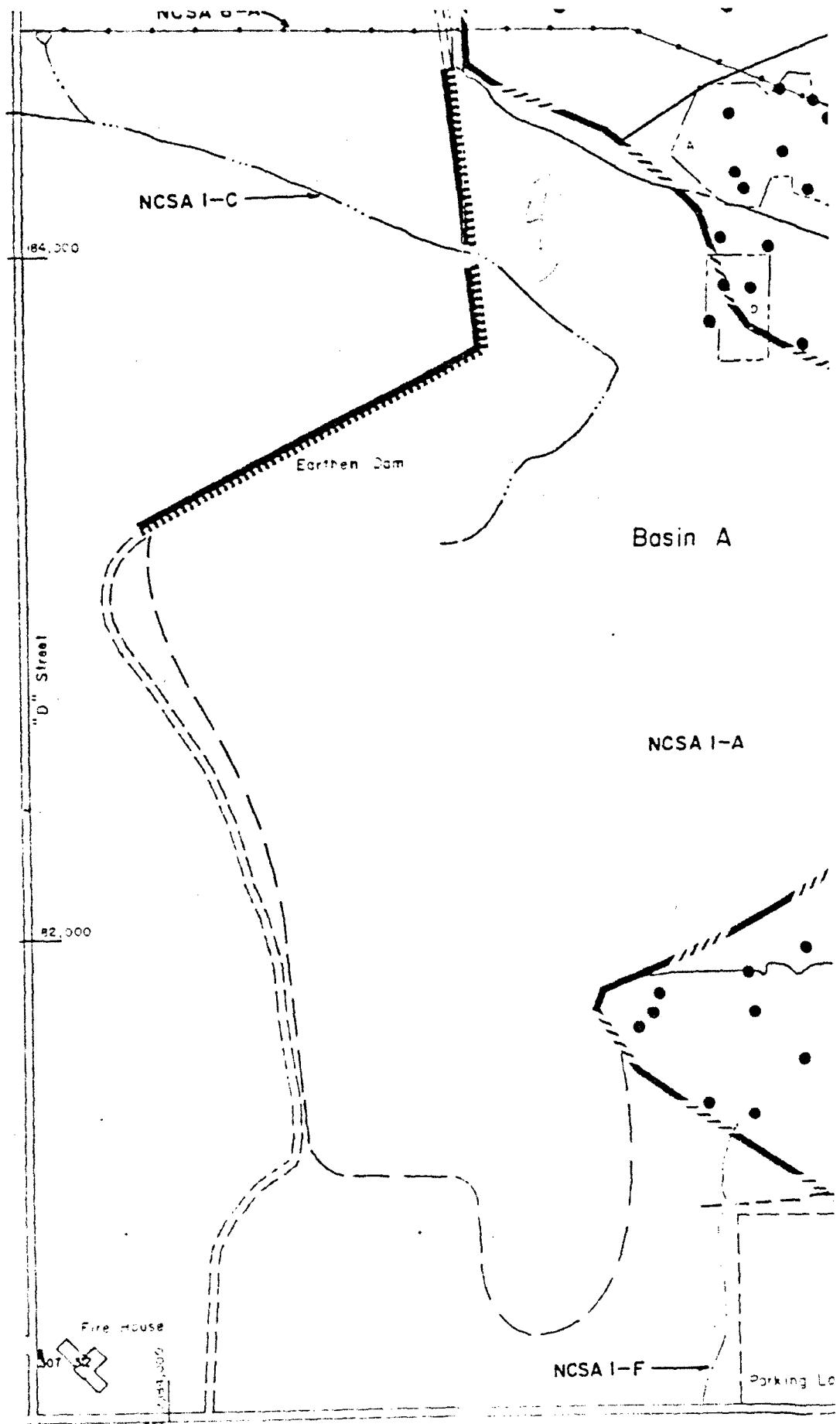


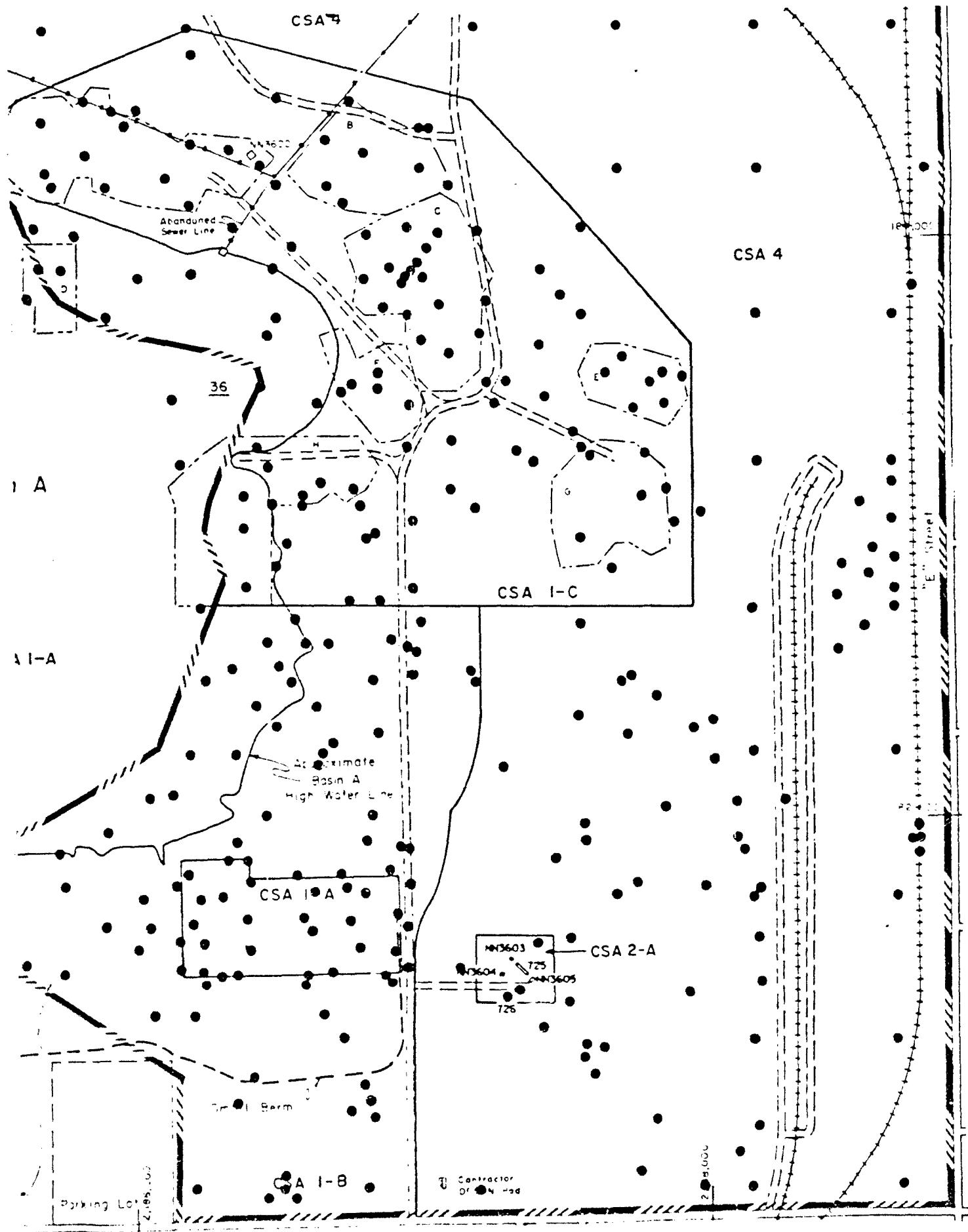


Legend

- |  |                             |
|--|-----------------------------|
| <u>—</u> Improved road                 | <u>—</u> Unimproved road    |
| <u>~</u> Stream or ditch               | <u>○</u> Shore line         |
| <u>186,000</u> State plane grid        | <u>9</u> Section number     |
| <u>←→</u> Railroad tracks              | <u>□</u> Structure          |
| <u>—..</u> Central Study Area boundary | <u>□</u> Former structure   |
| <u>CSA 1-C</u> Site boundary           | <u>—</u> Arsenal boundary   |
| <u>—.. B</u> Geophysical anomaly       | <u>- - -</u> Sanitary sewer |
|  | <u>●</u> Chemical sewer     |
- Phase I & II boring location







CSA 4

100,000

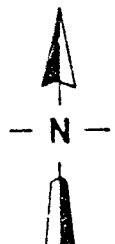
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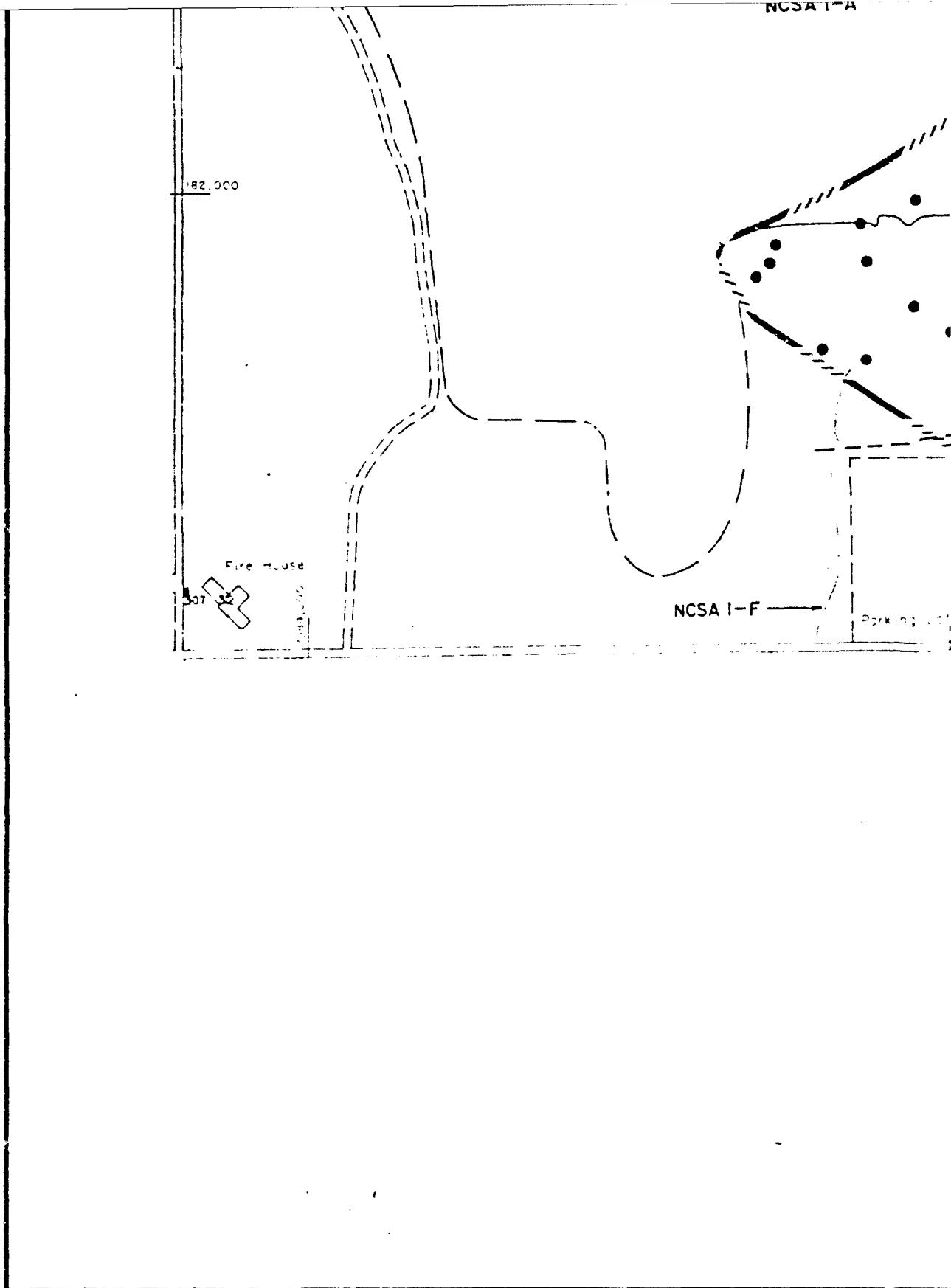
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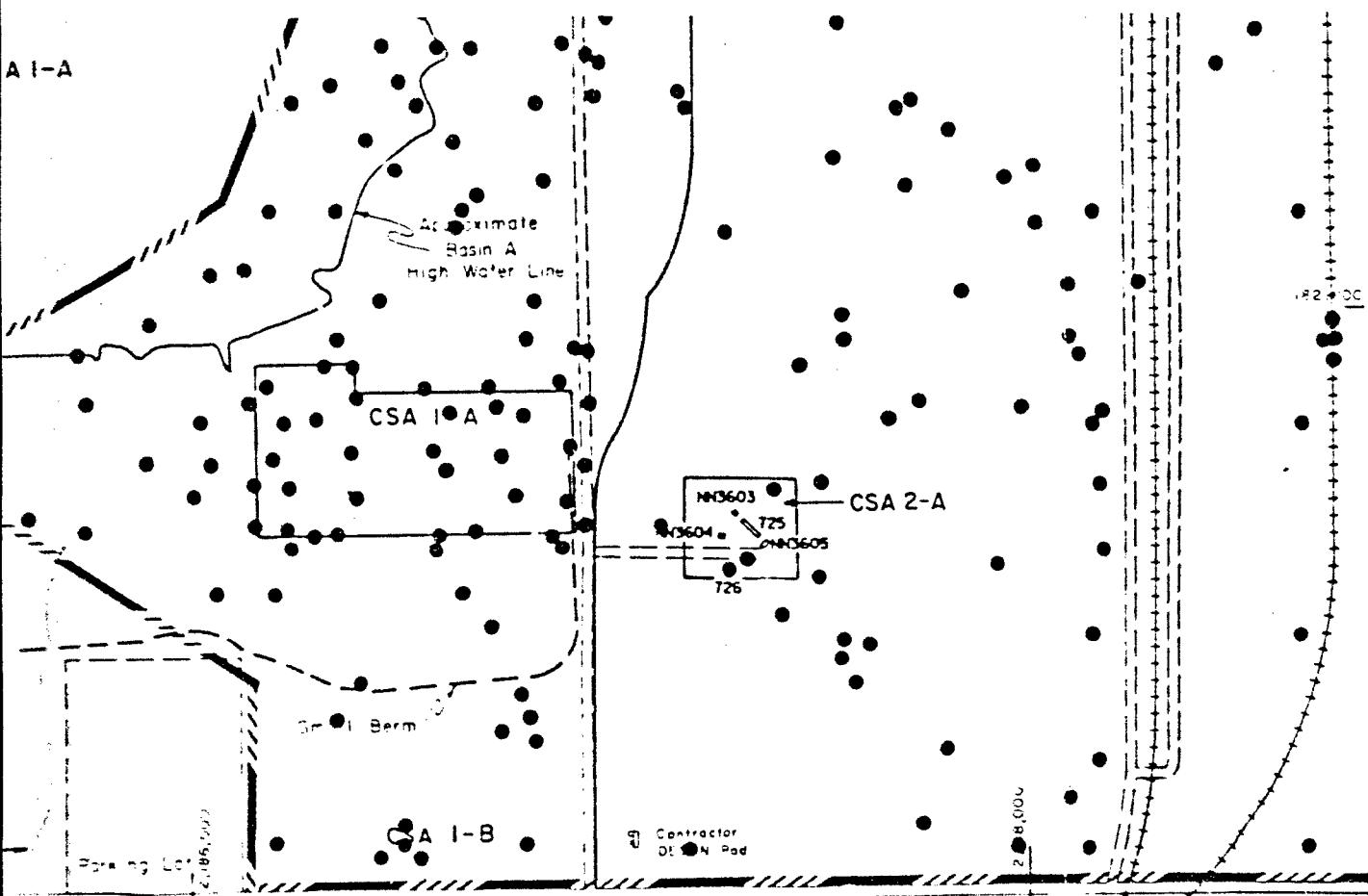
ROCKY MOUNTAIN ARSENAL  
LOCATION

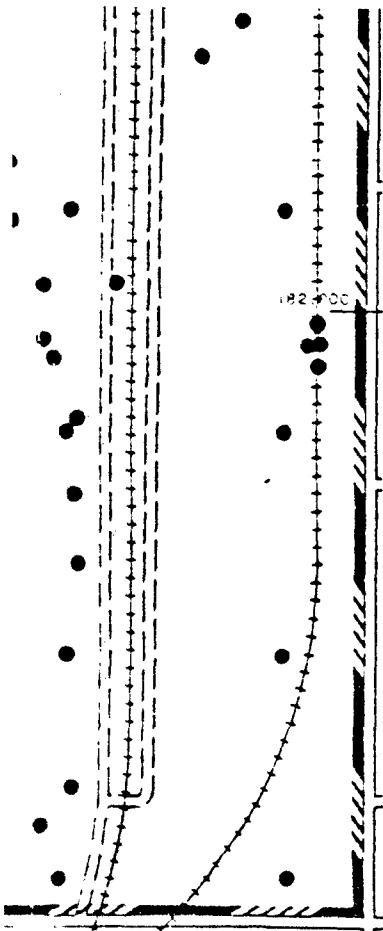
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4	3	2	1	6
9		11	12	7

1" = 4 MILES





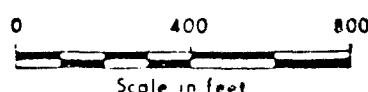
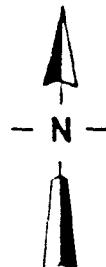




ROCKY MOUNTAIN ARSENAL  
LOCATION

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9		11	7	8

1" = 4 MILES



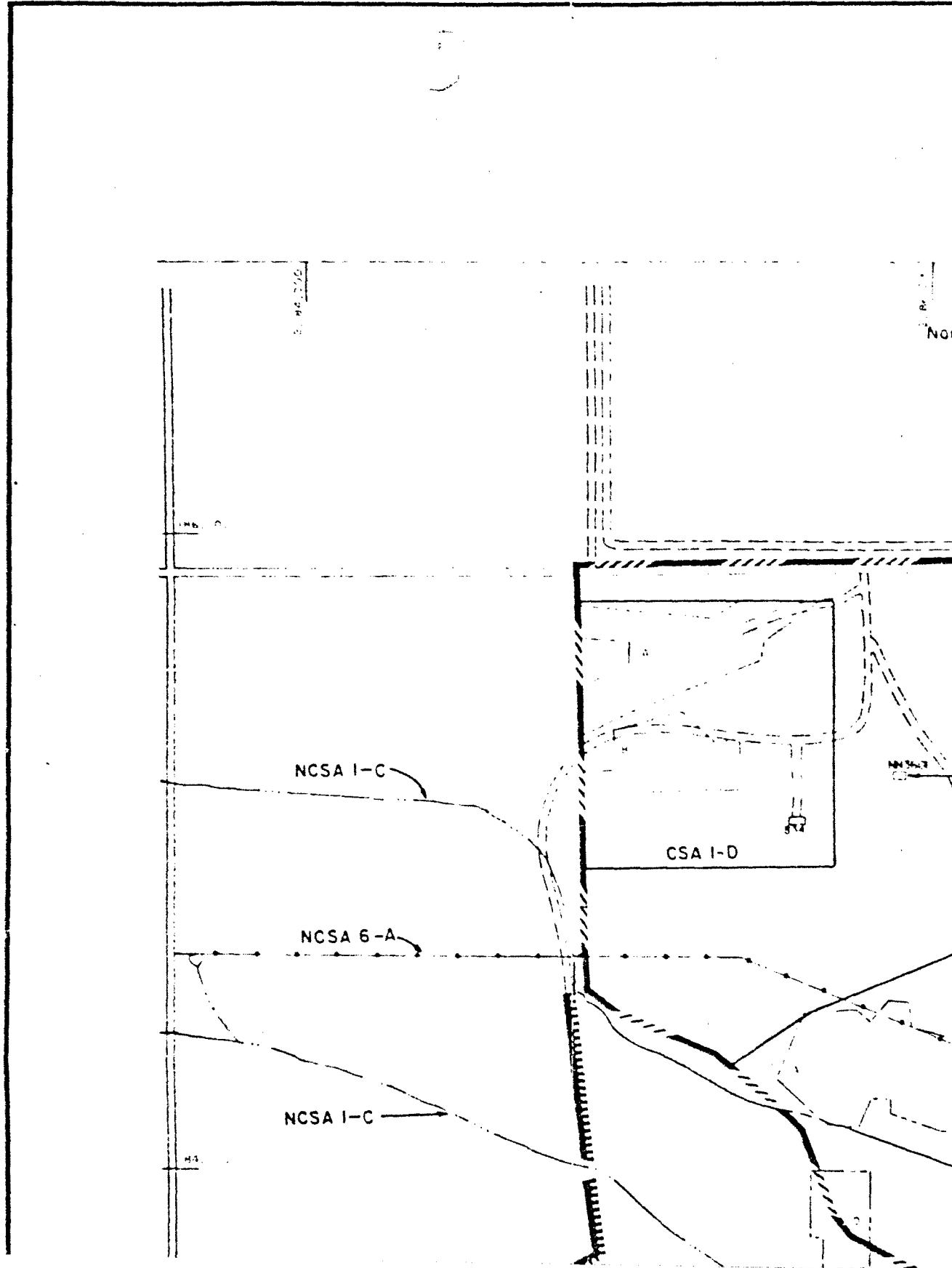
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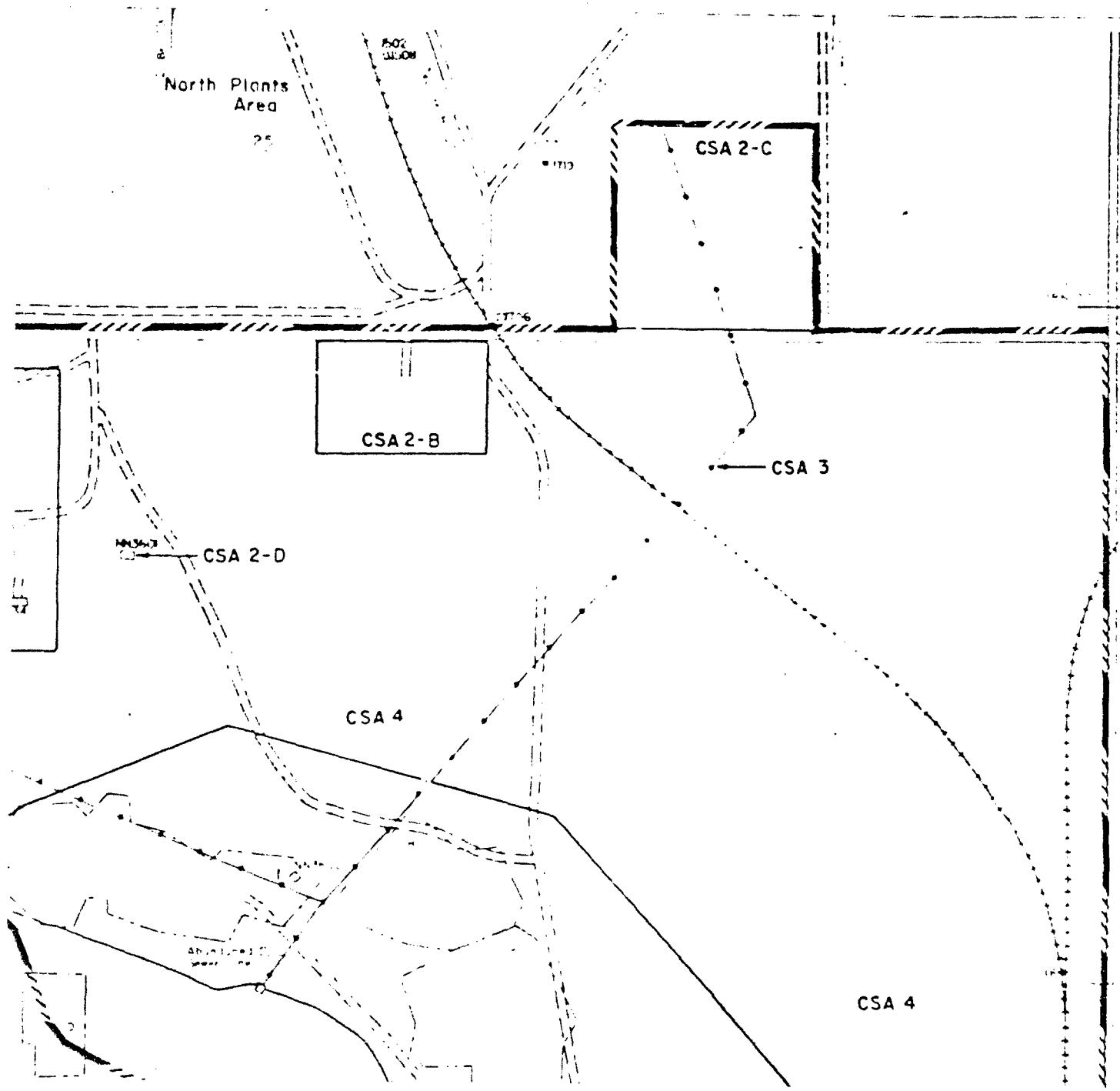
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-1

Boring Location Map

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





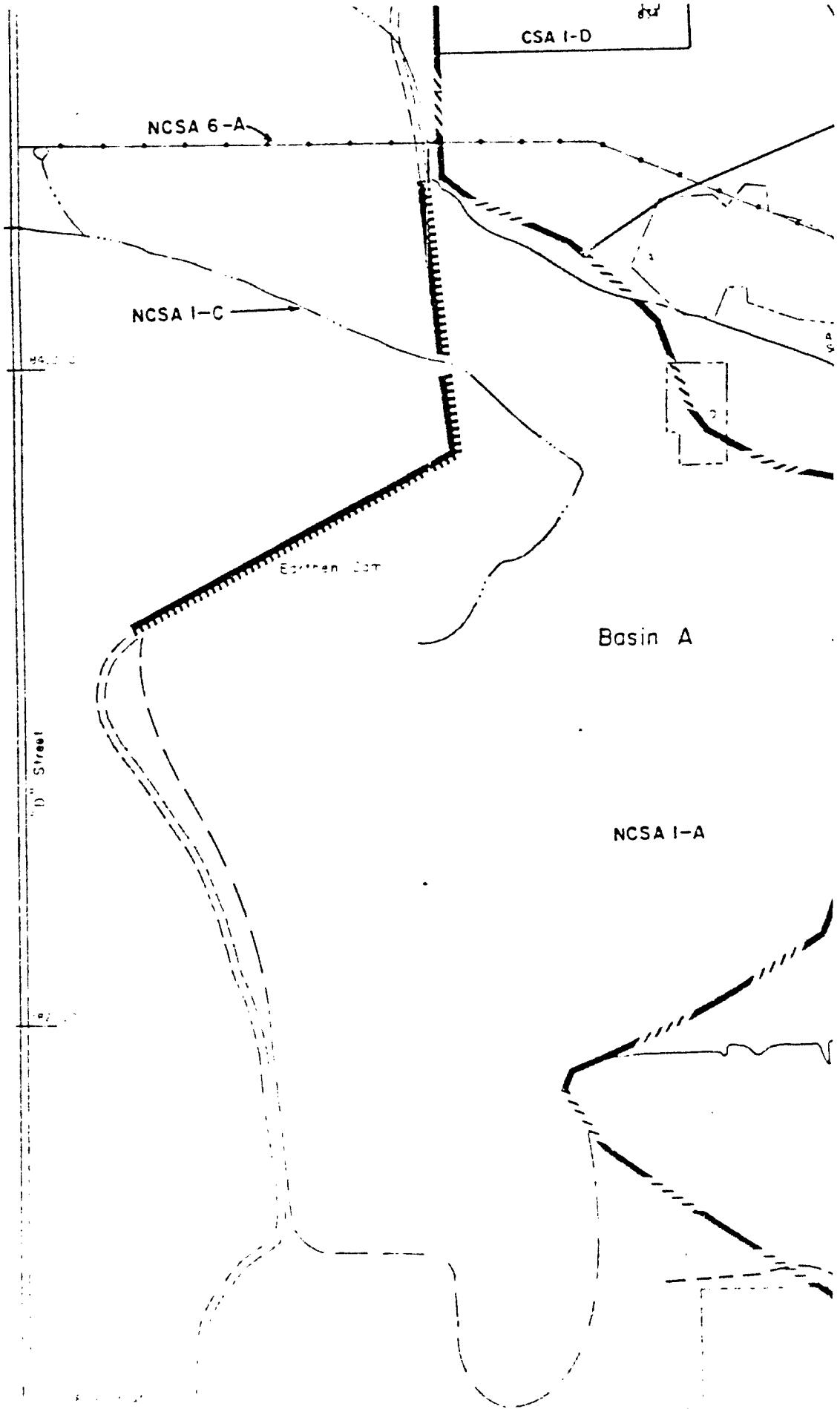
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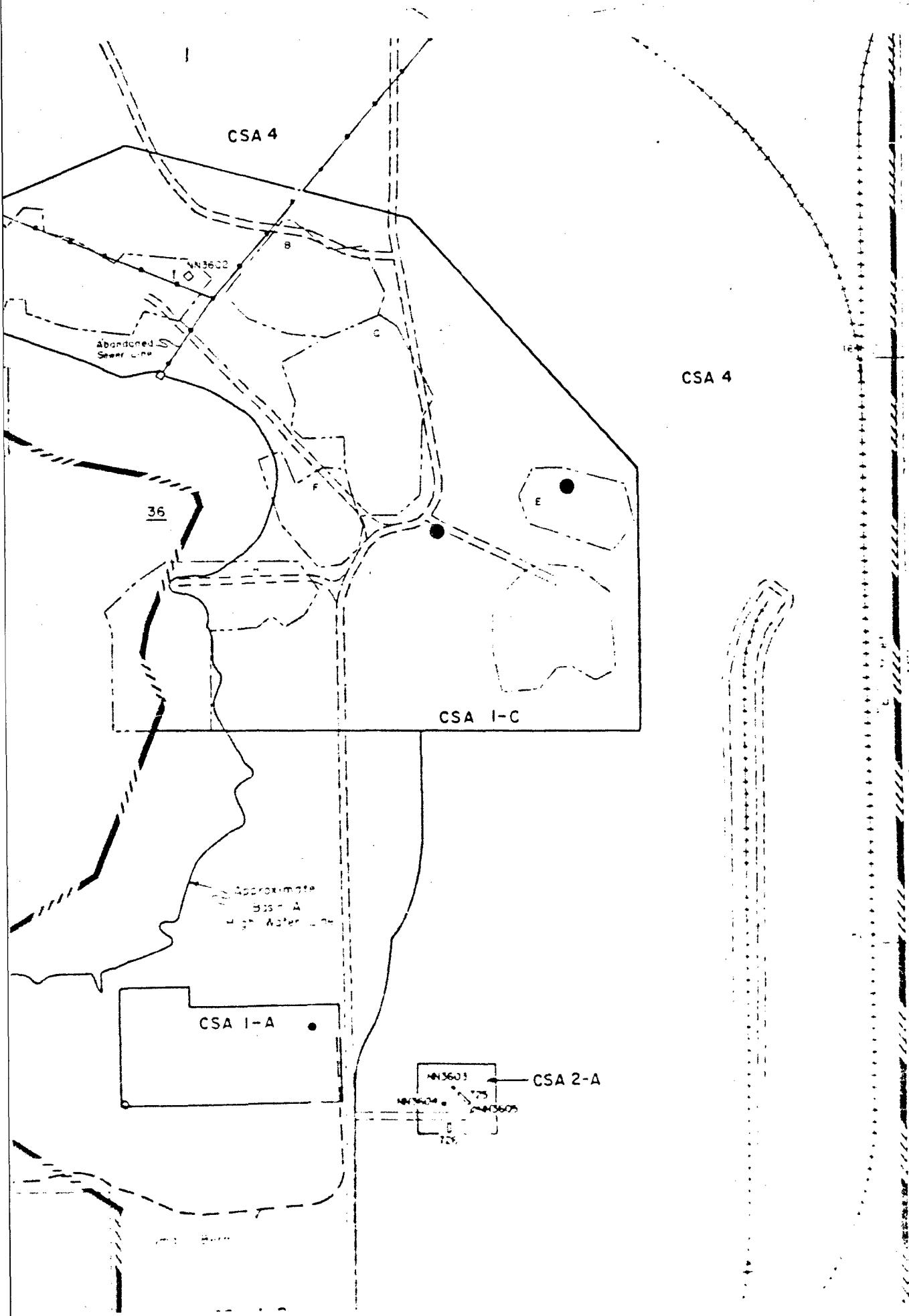
Legend

- |                |                             |          |                  |
|----------------|-----------------------------|----------|------------------|
|                | Improved road               |          | Unimproved road  |
|                | Stream or ditch             |          | Shore line       |
|                |                             | <u>9</u> | Section number   |
| <u>186,000</u> | State plane grid            |          | Structure        |
|                | Railroad tracks             |          | Former structure |
|                | Central Study Area boundary |          | Arsenal boundary |
| <u>CSA I-C</u> | Site boundary               |          | Sanitary sewer   |
|                | Geophysical anomaly         |          | Chemical sewer   |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.047 - 1.0
- 1.0 - 10
- 10 - 100
- >100





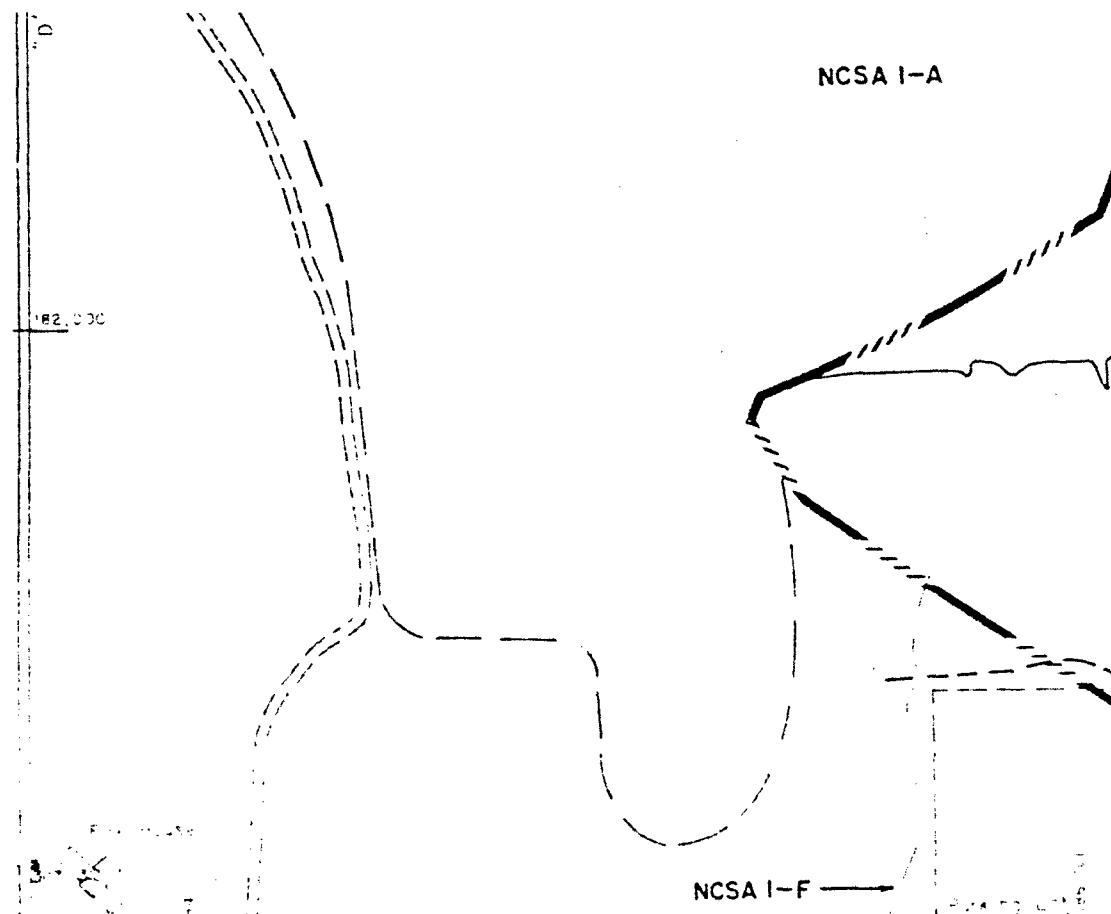
SA 4

ROCKY MOUNTAIN ARSENAL  
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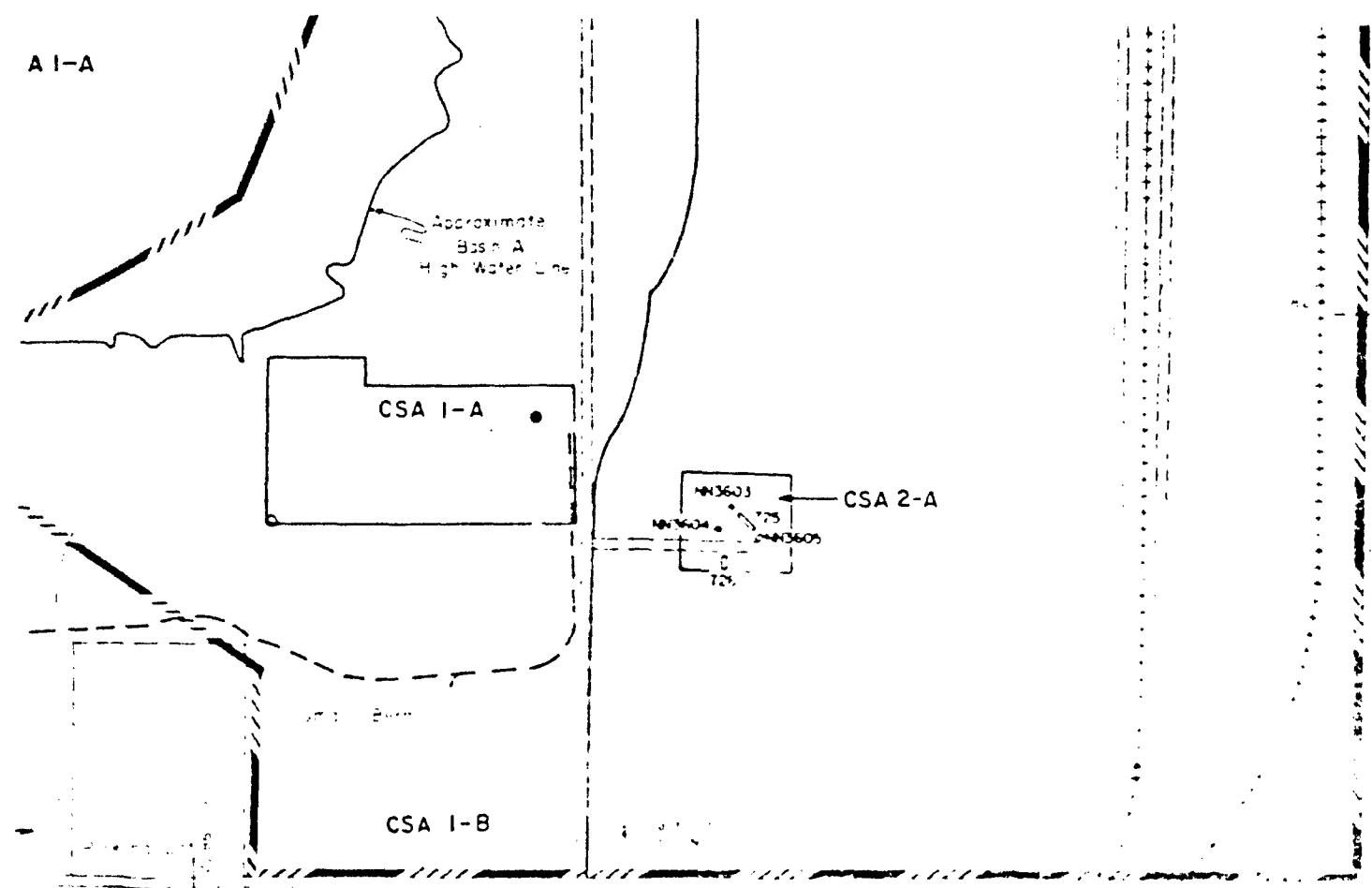
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24	27	26	25	30
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6		7	8	9

1" = 4 MILES

NCSA I-A



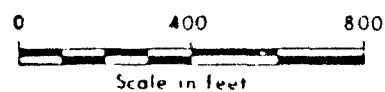
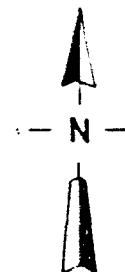
A I-A



ROCKY MOUNTAIN ARSENAL  
LOCATION

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4	3	2	1	5
7		12	7	8

1" = 4 MILES



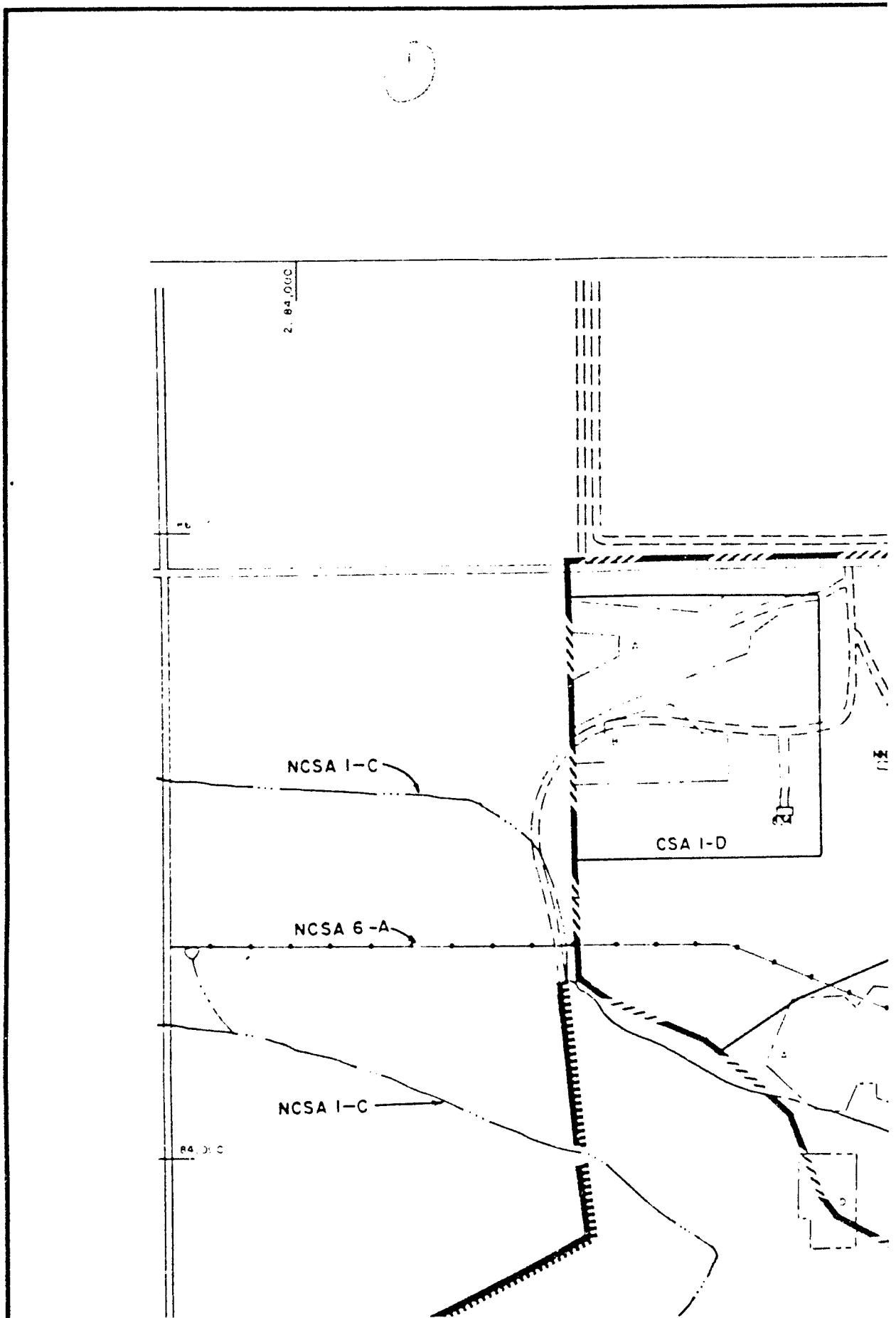
Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

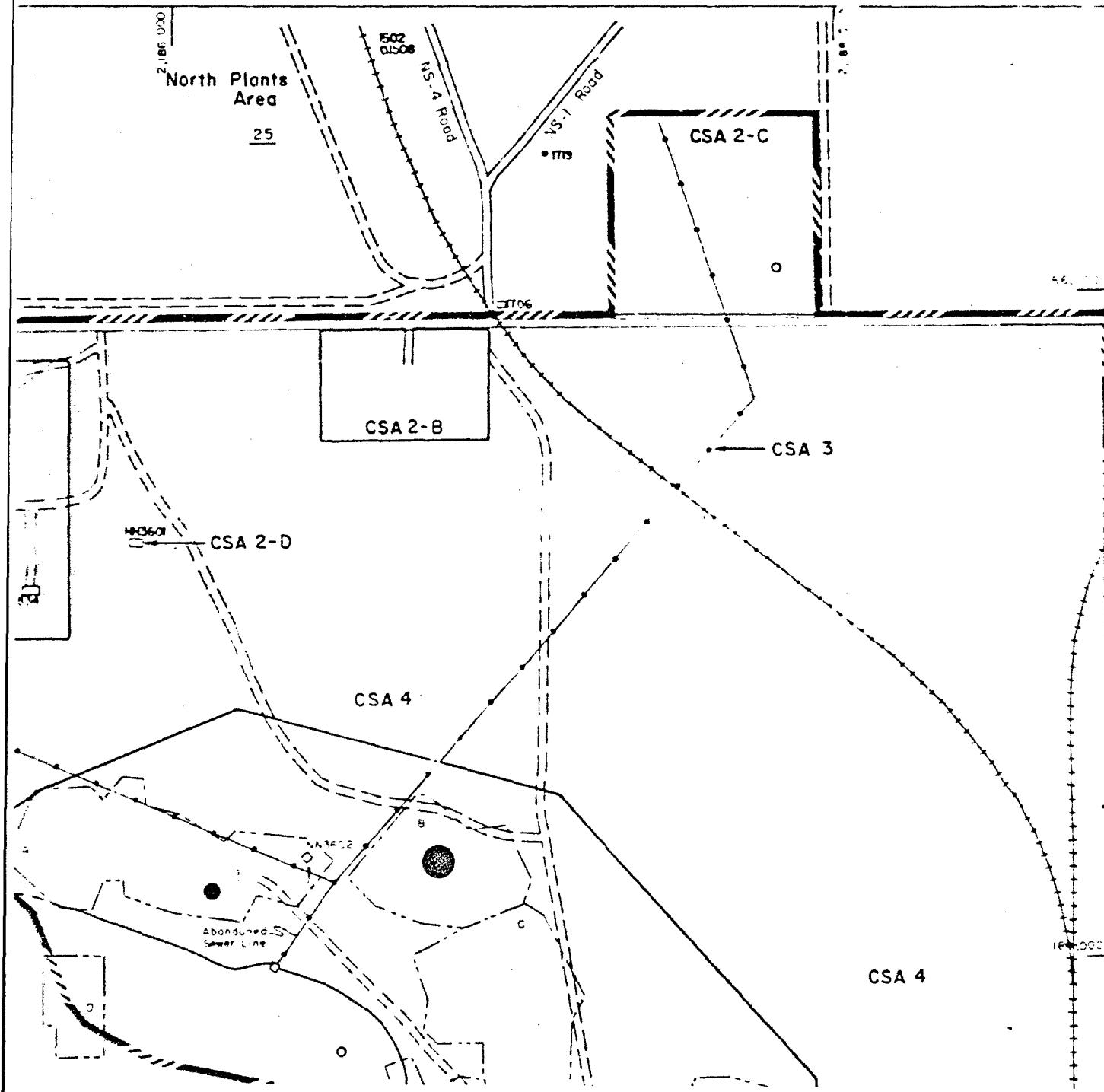
PLATE CSA 2.1-2

Volatile Halogenated Organic Compounds  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



(2)

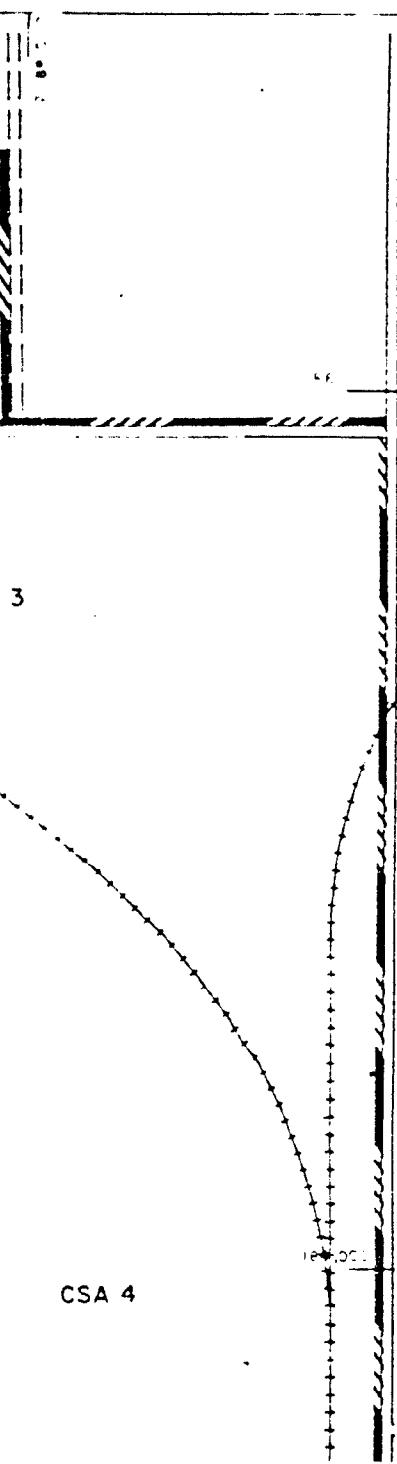


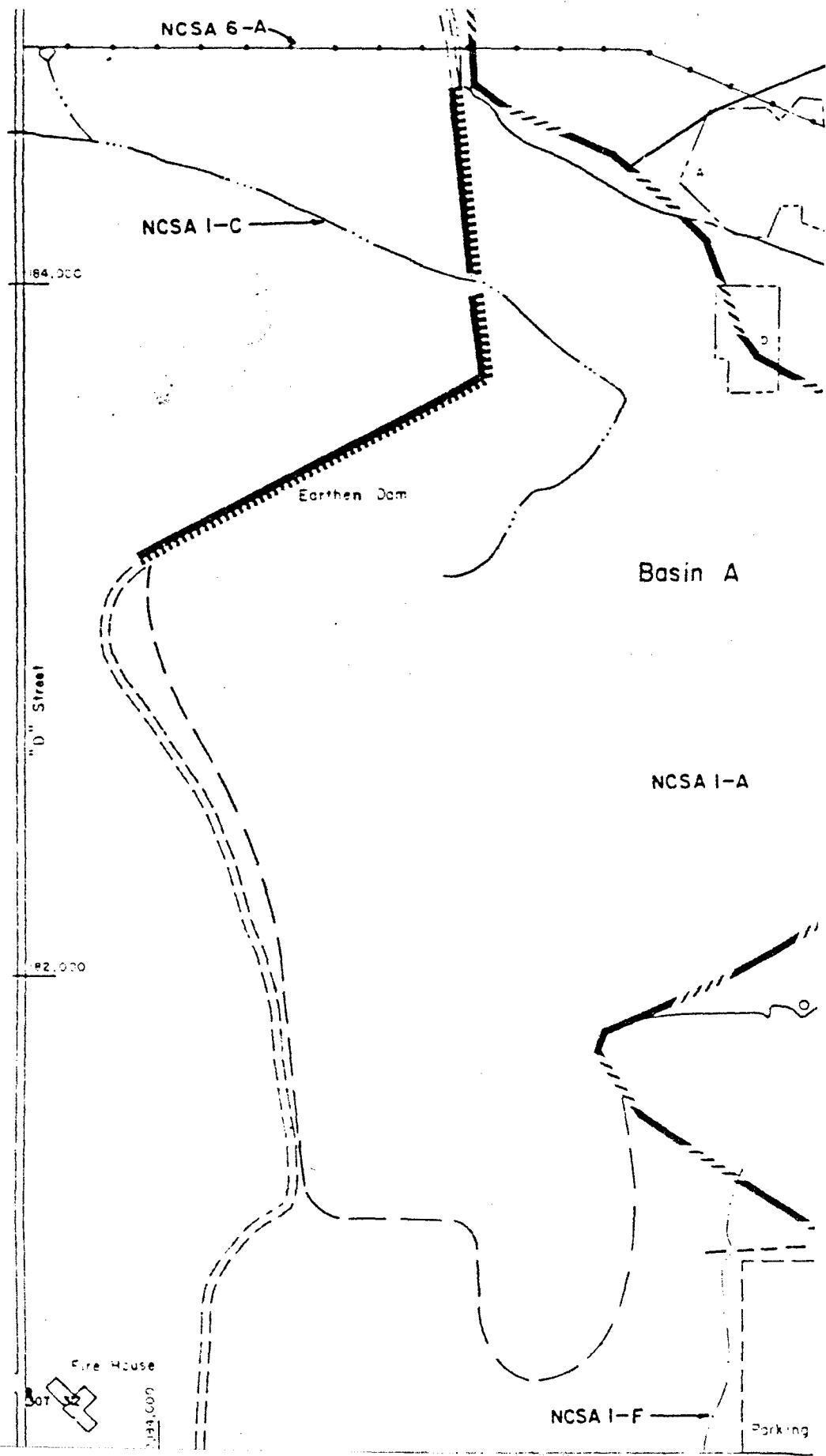
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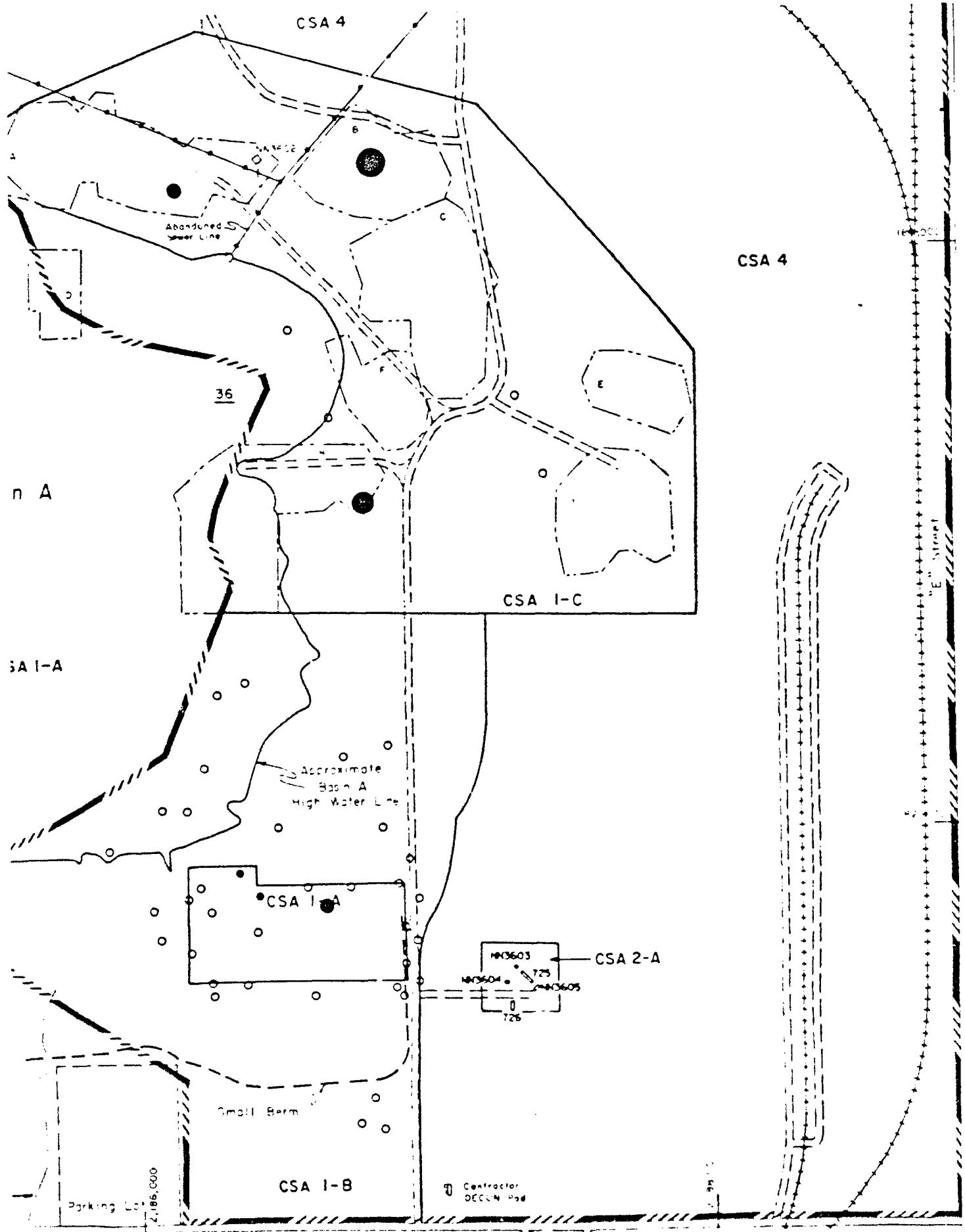
- Improved road      — Unimproved road
- ~ Stream or ditch      ○ Shore line
- 186.000 State plane grid      9 Section number
- Railroad tracks      □ Structure
- Central Study Area boundary      — Former structure
- CSA I-C Site boundary      — Arsenal boundary
- Geophysical anomaly      — Sanitary sewer
- B Geophysical anomaly      ● Chemical sewer

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

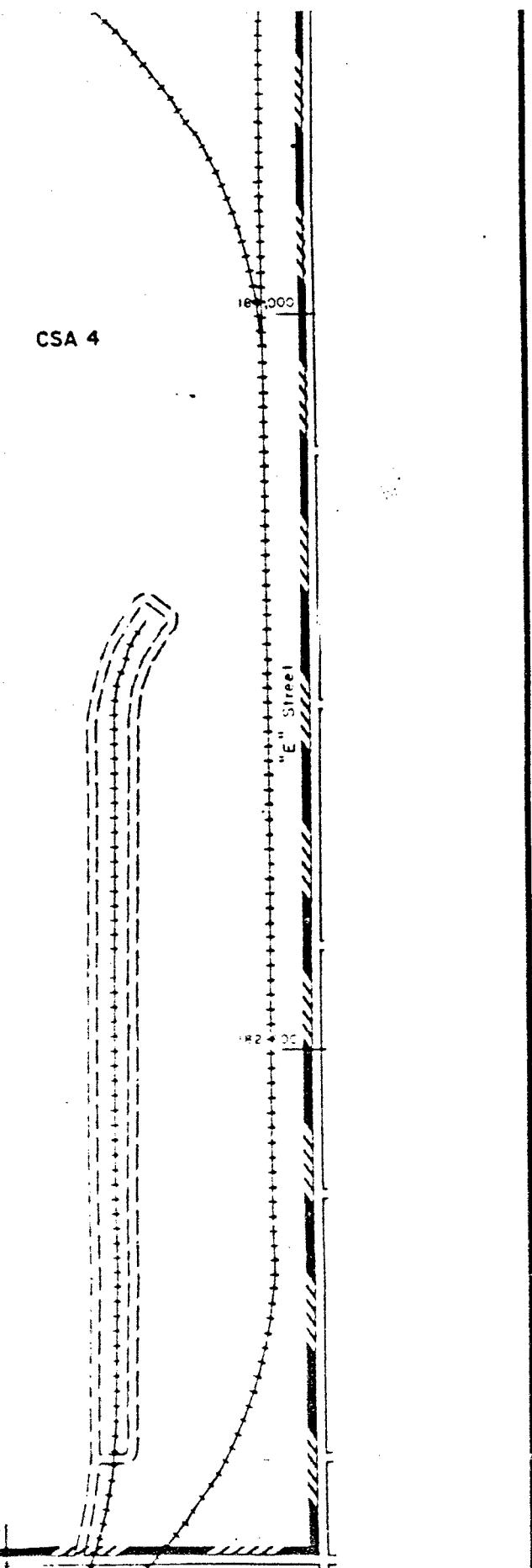
- Below Certified Reporting Limit (BCRL)
- 0.047 - 1.0
- 1.0 - 10
- 10 - 100
- >100







CSA 4



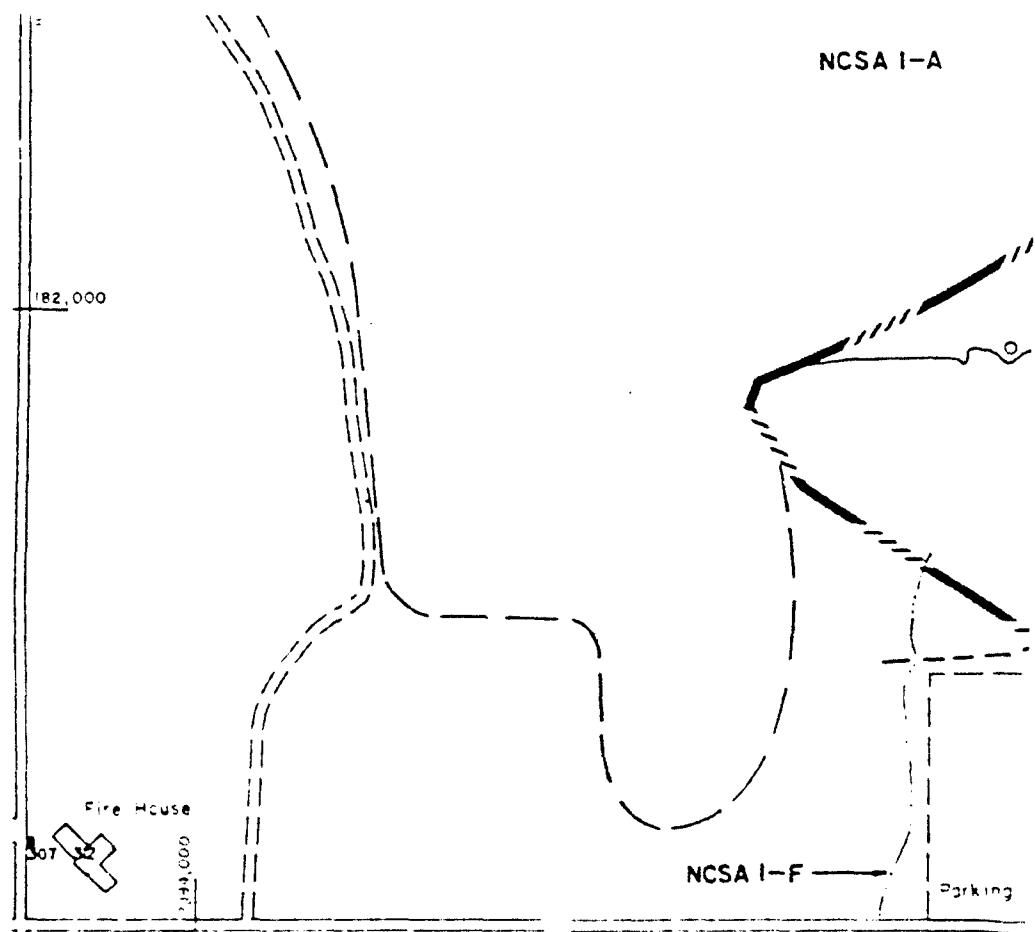
ROCKY MOUNTAIN ARSENAL  
LOCATION

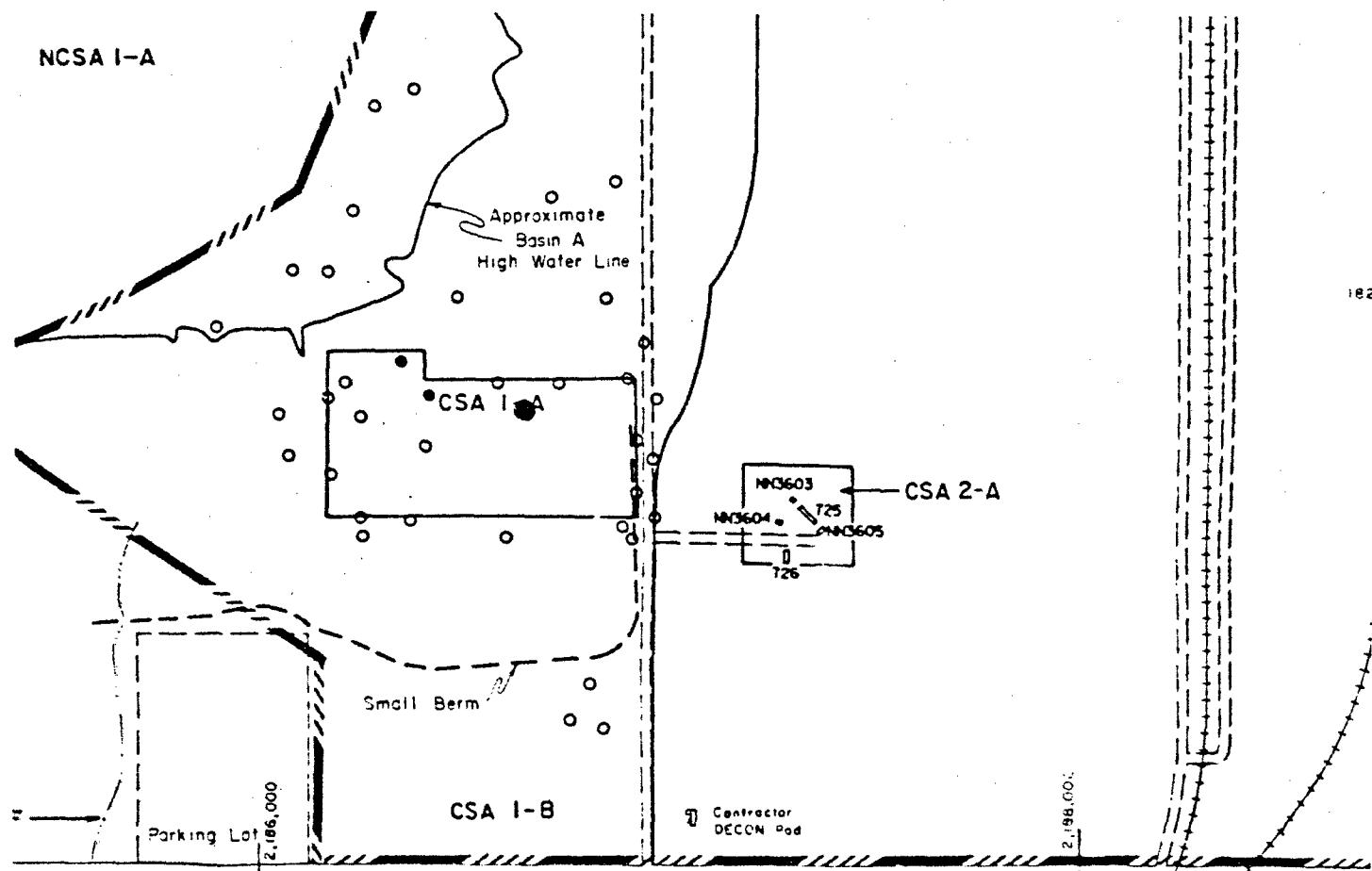
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4	3	2	1	6
9		11	12	5

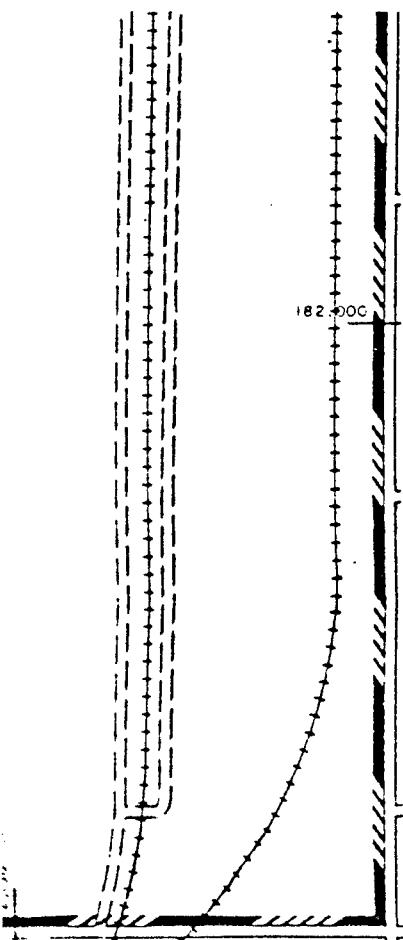
1" = 4 MILES



NCSA I-A



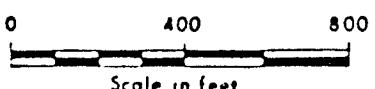
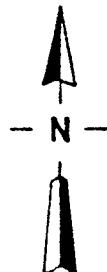




ROCKY MOUNTAIN ARSENAL  
LOCATION

22	23	24	19	29
28	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7

1" = 4 MILES



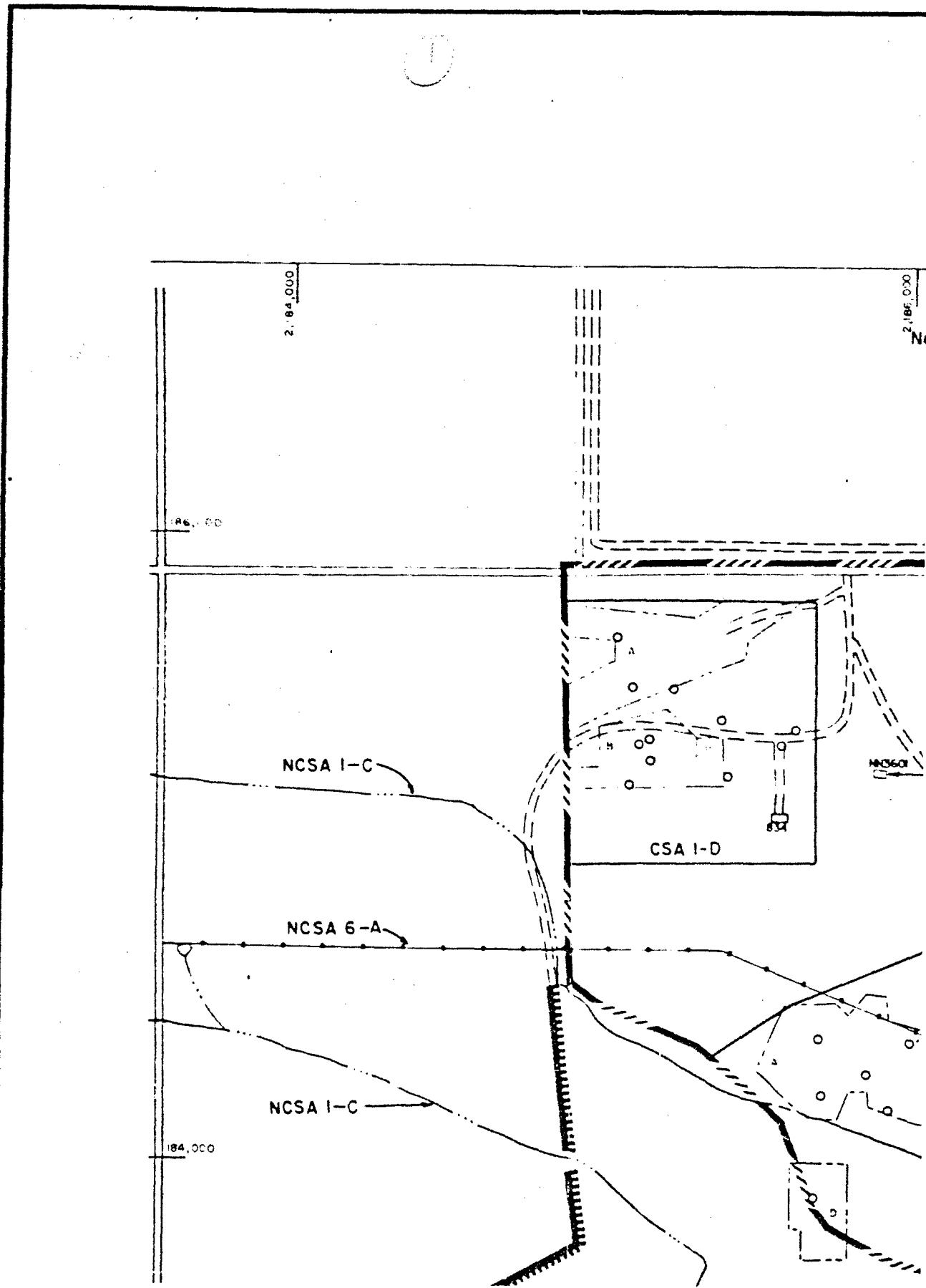
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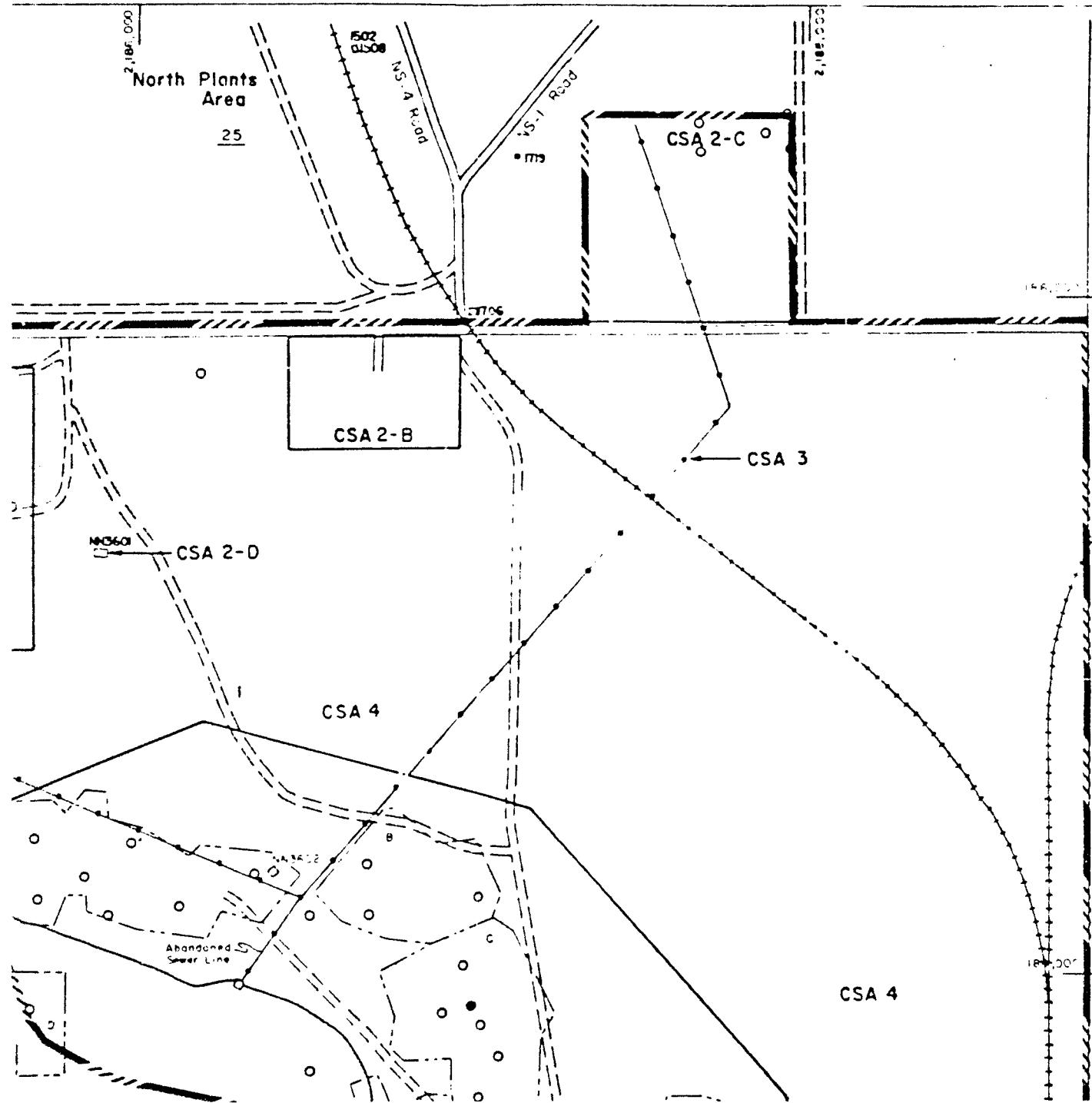
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-3

Volatile Halogenated Organic Compounds  
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





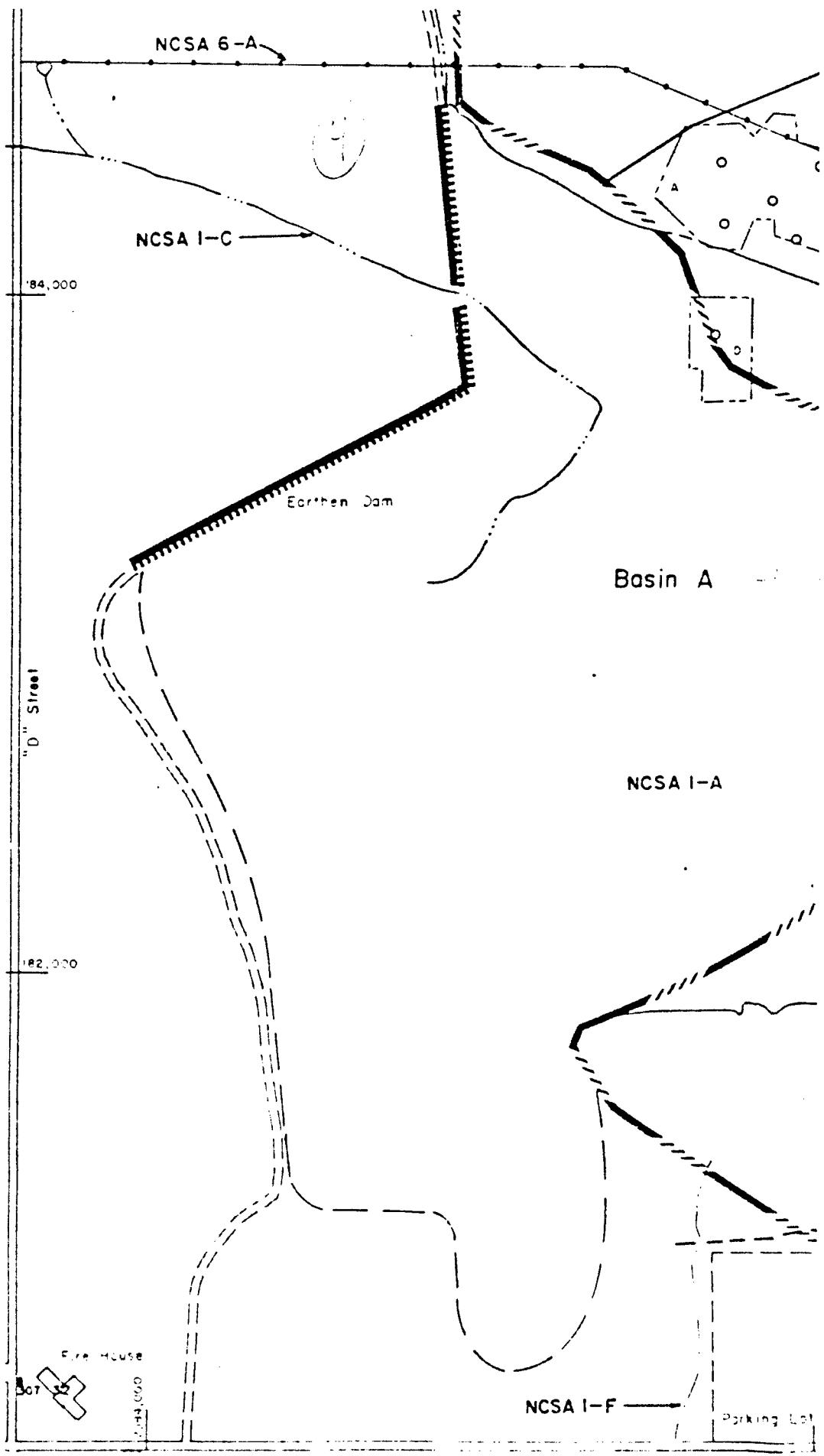
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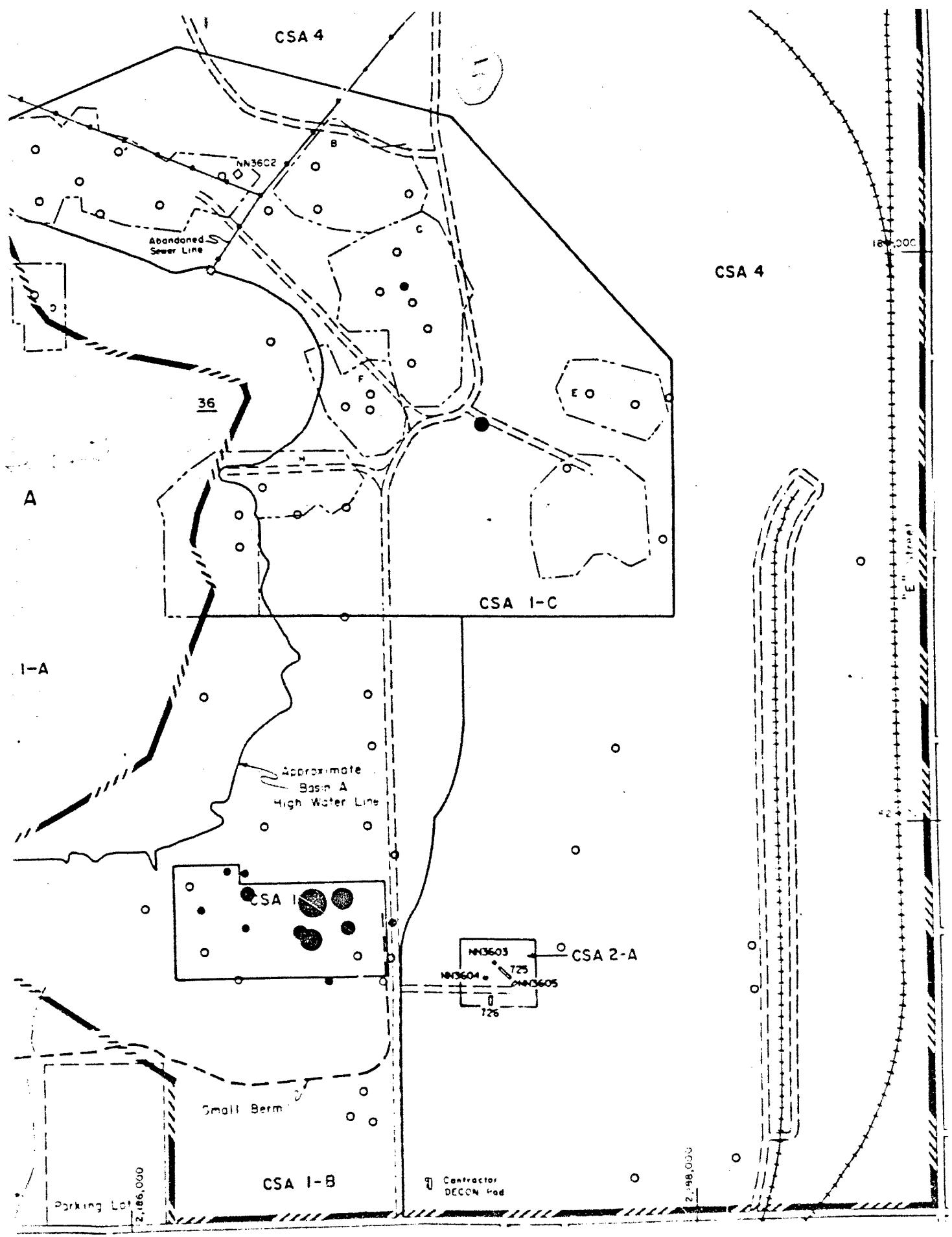
- 5  
210000  
186,000
- Improved road      --- Unimproved road
  - ~ Stream or ditch      ○ Shore line
  - Section number
  - 186,000 State plane grid
  - ←→ Railroad tracks
  - Central Study Area boundary
  - CSA I-C Site boundary
  - Geophysical anomaly
  - Structure
  - Former structure
  - Arsenal boundary
  - Sanitary sewer
  - Chemical sewer

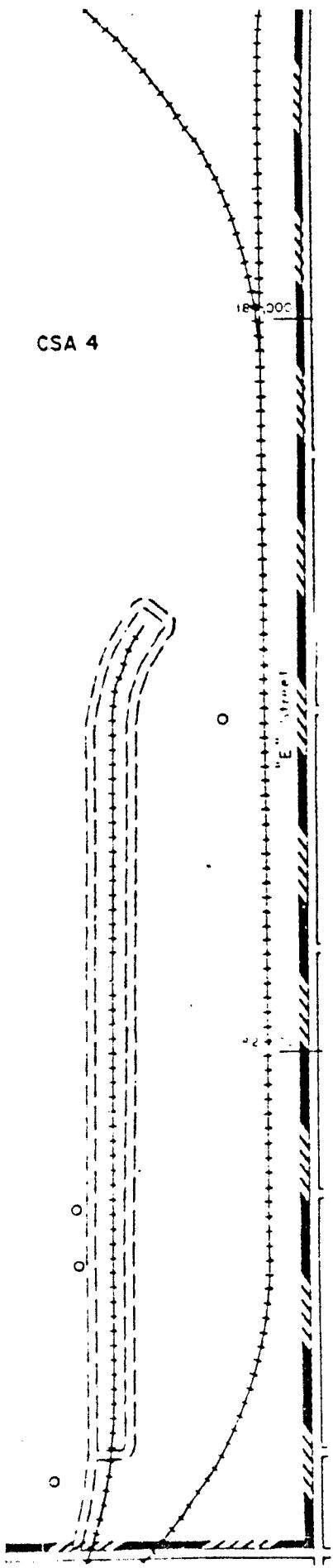
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.047 - 1.0
- 1.0 - 10
- 10 - 100
- >100

CSA 4







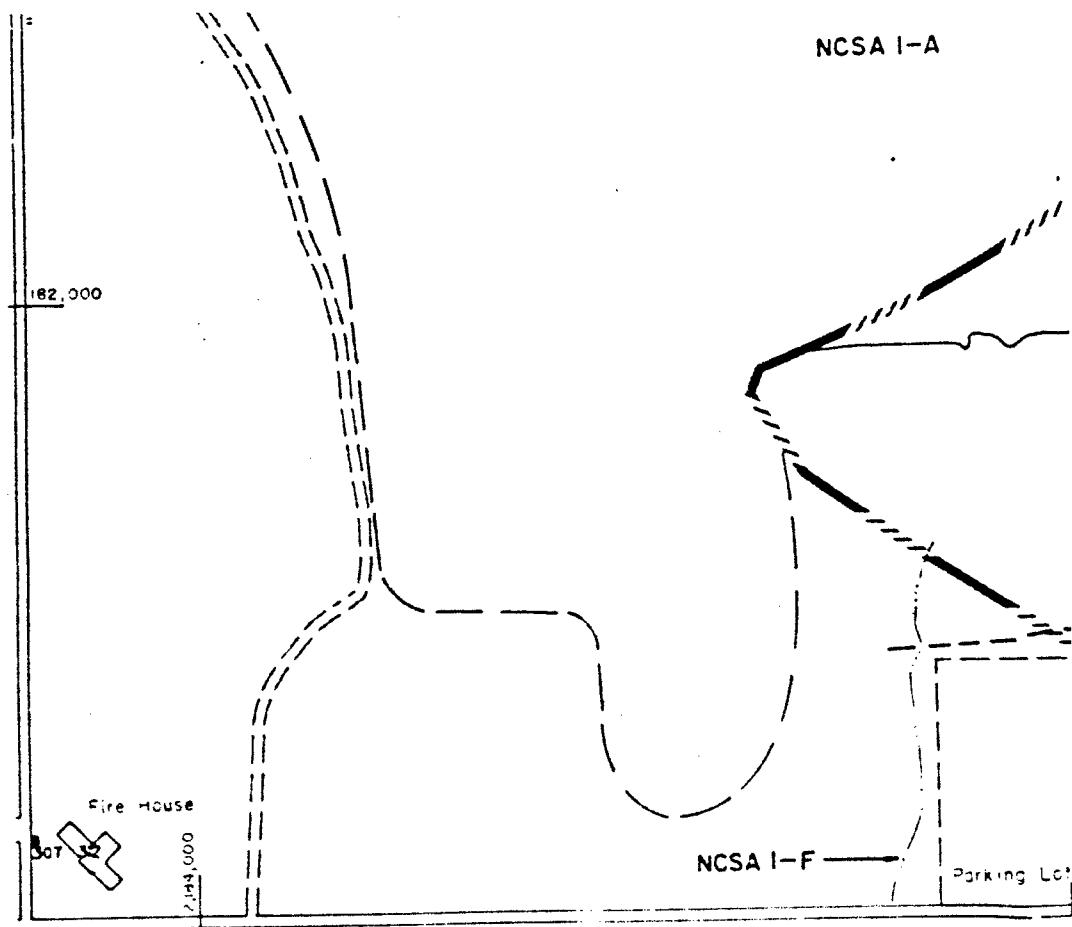
ROCKY MOUNTAIN ARSENAL  
LOCATION

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29	27	26	25	30
33	34	35	36	32
4	3	2	1	5
9		1	2	8

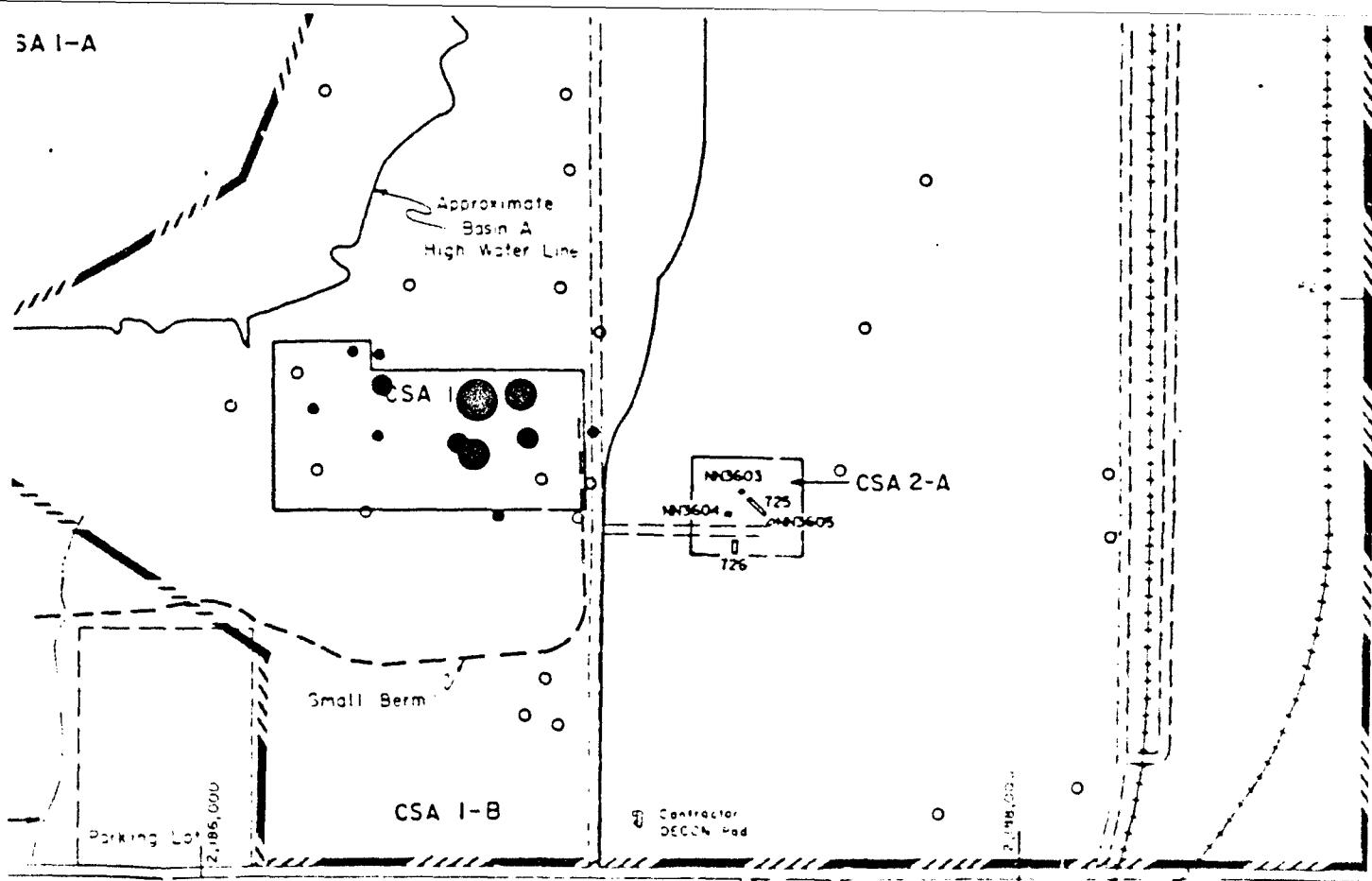
1" = 4 MILES

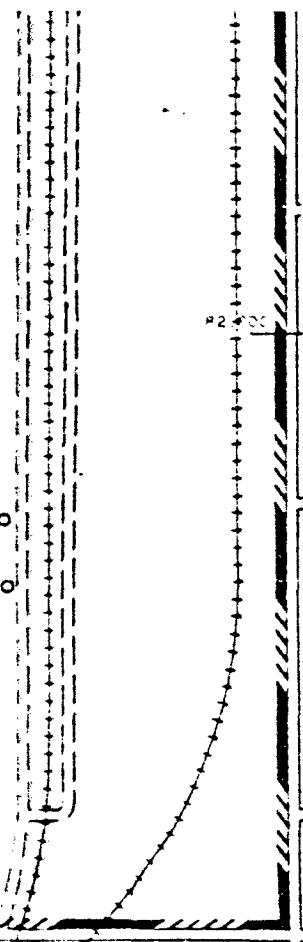


NCSA I-A



SA I-A

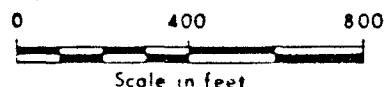
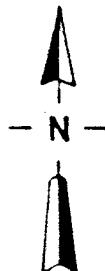




ROCKY MOUNTAIN ARSENAL  
LOCATION

22	23	24	19	20
28	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7

1" = 4 MILES



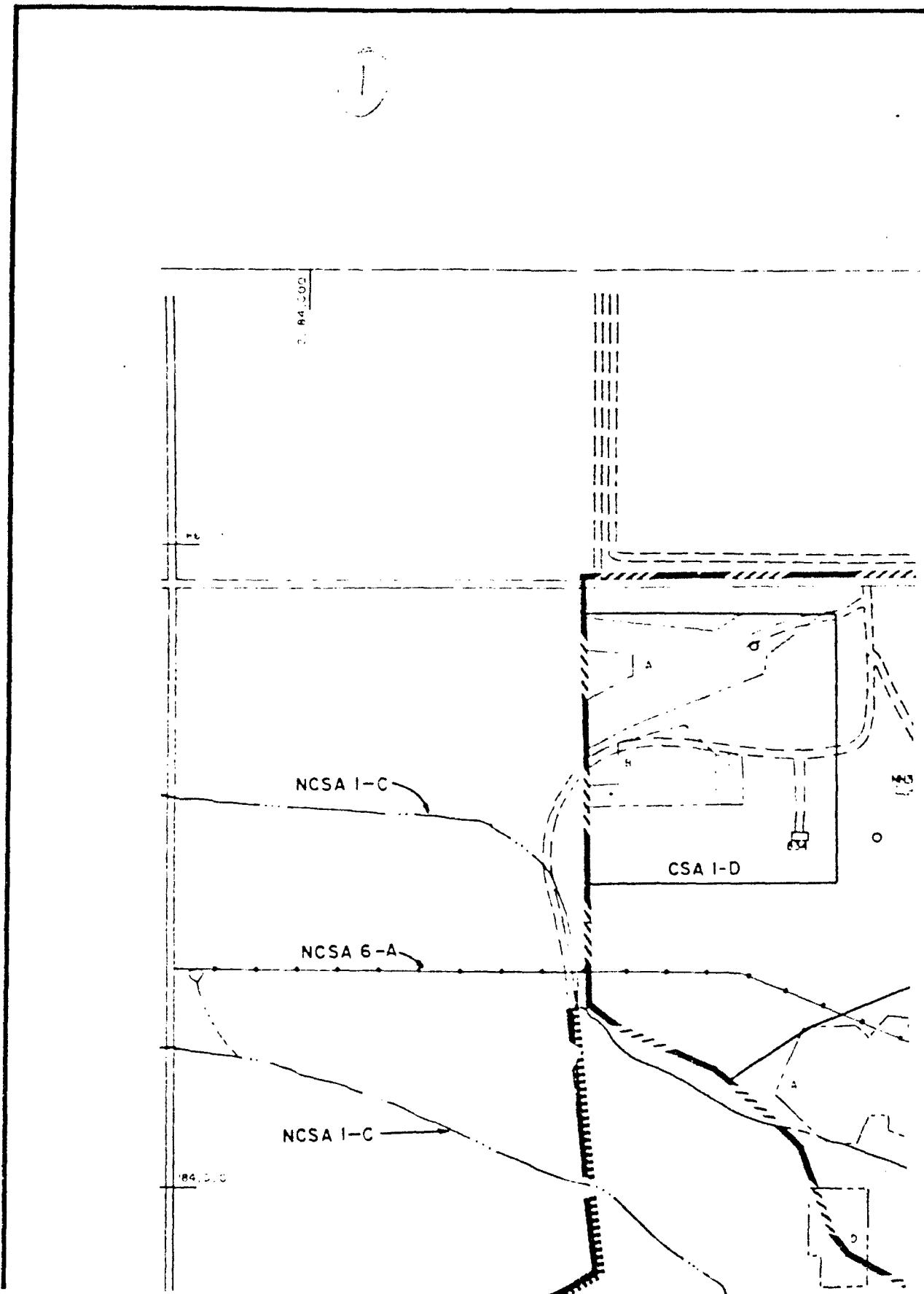
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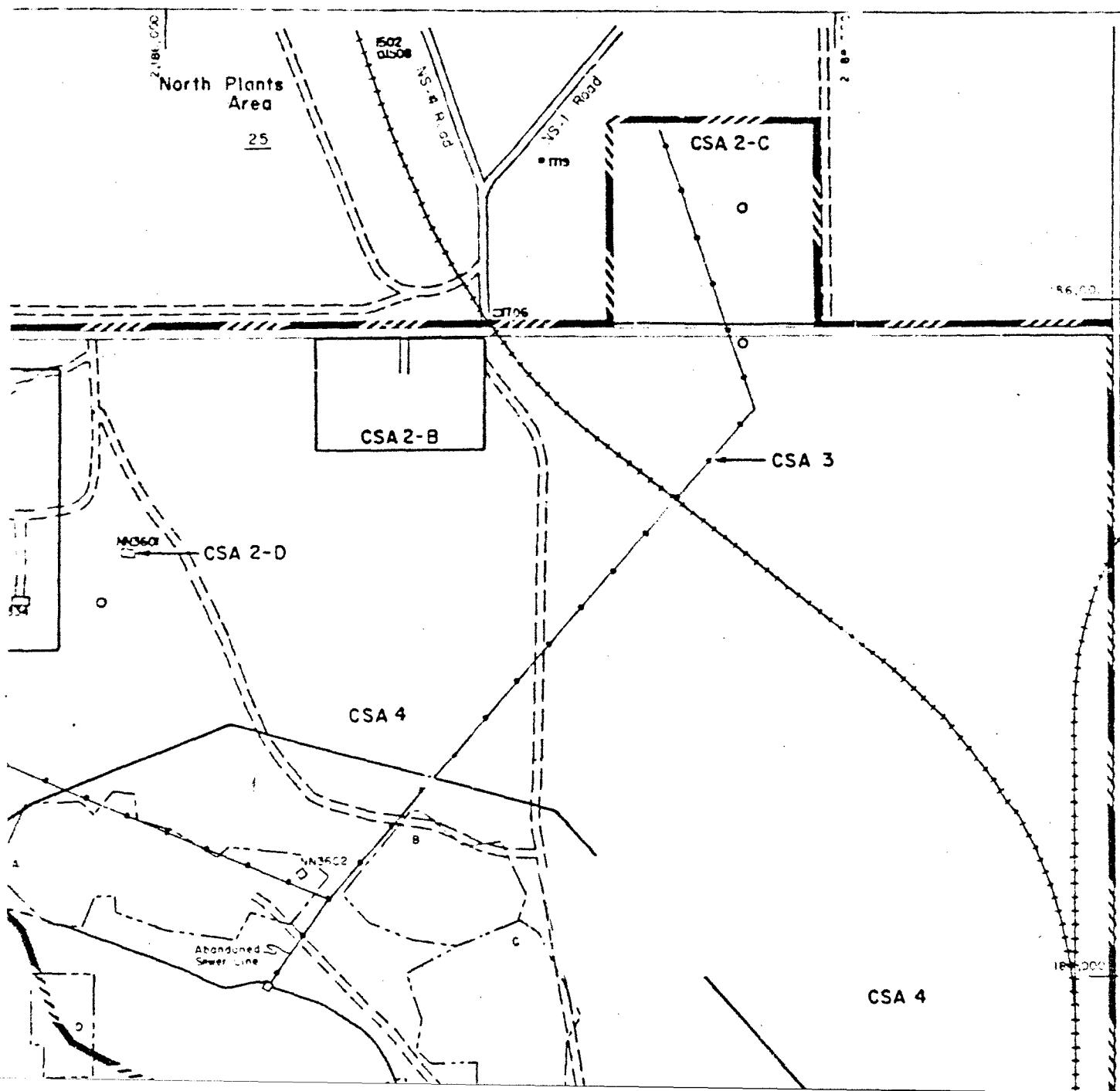
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-4

Volatile Halogenated Organic Compounds  
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



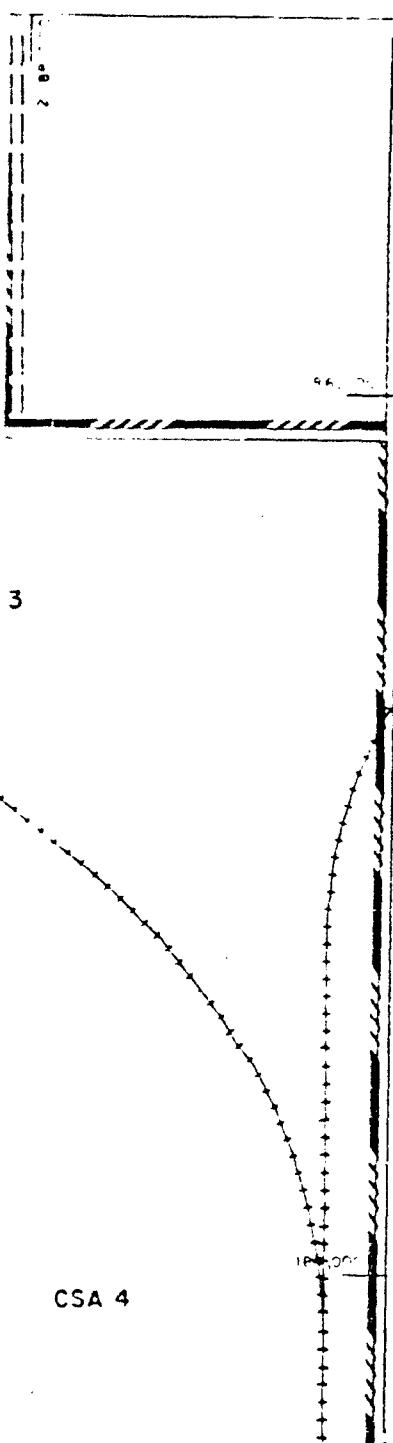


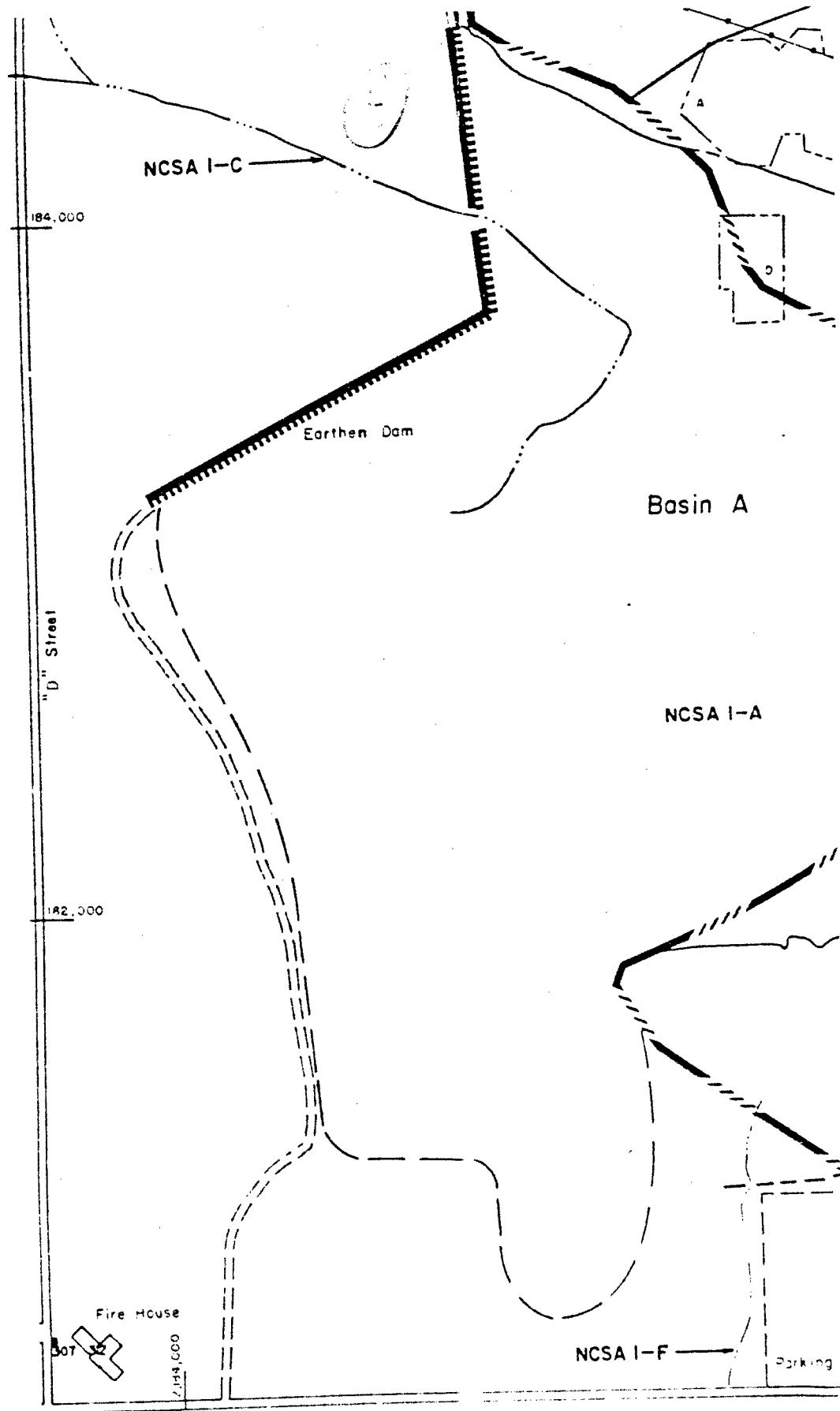
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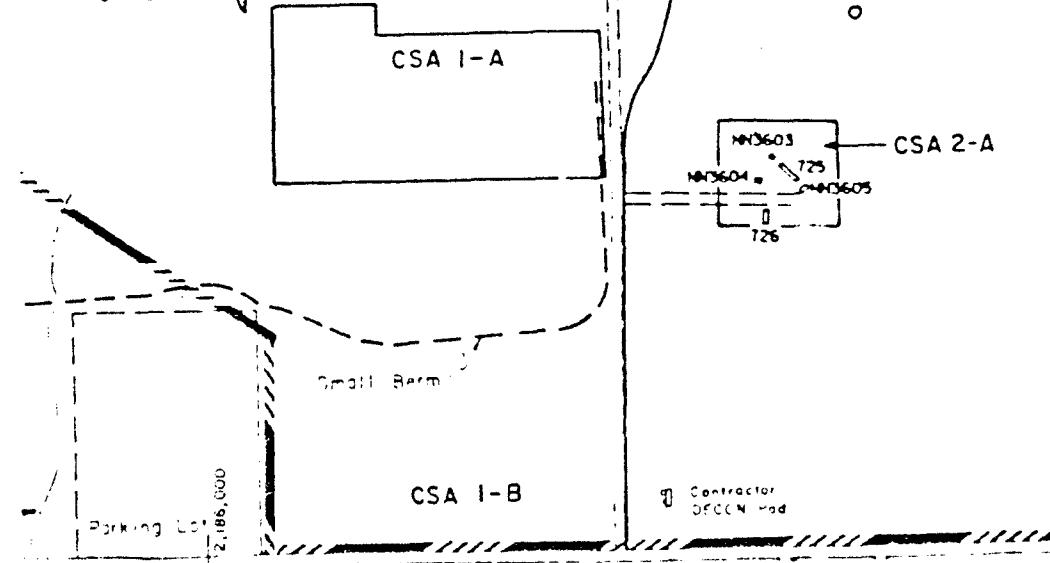
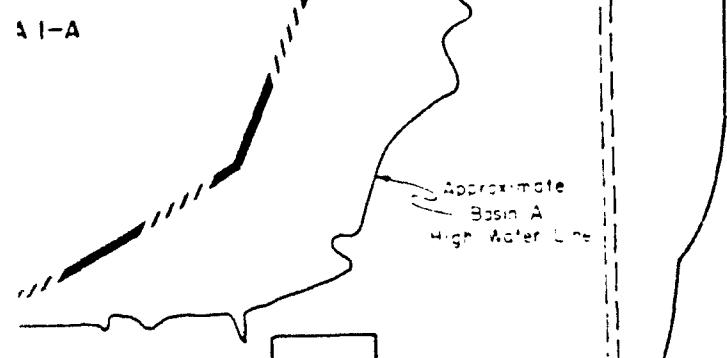
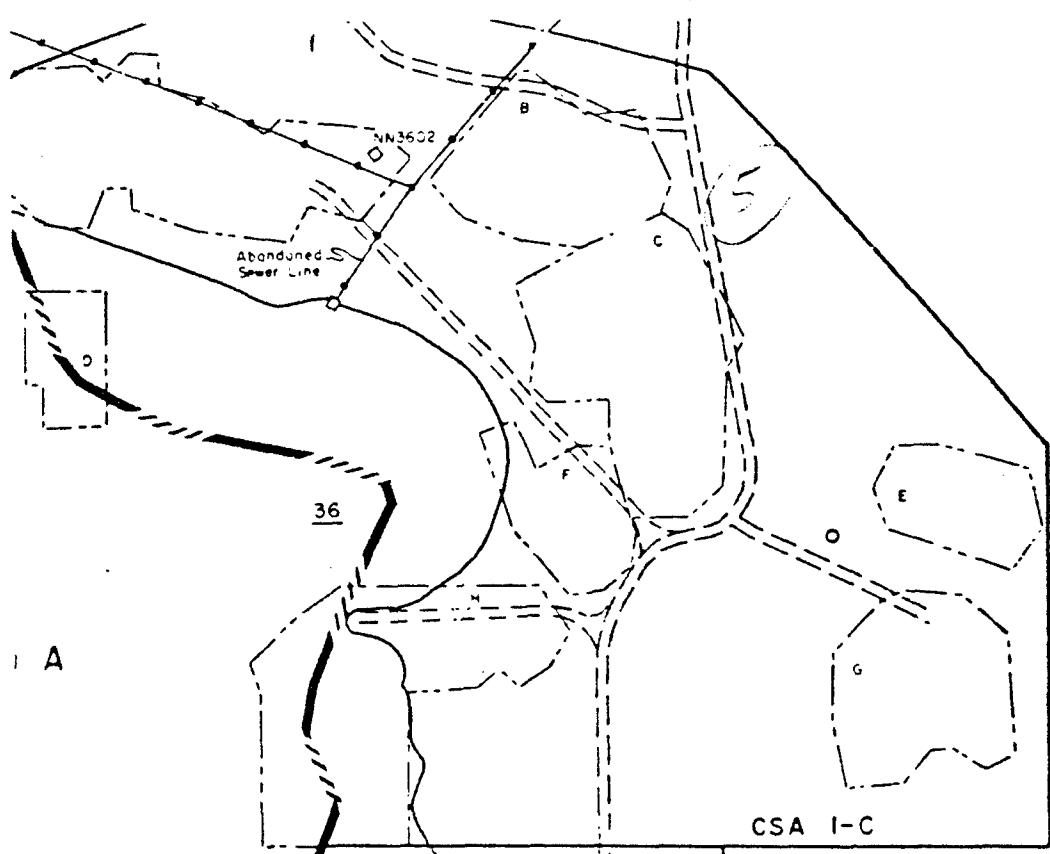
- |  |   |
|--|---|
| <u>—</u> <u>—</u> Improved road                | <u>—</u> <u>—</u> Unimproved road         |
| <u>—</u> <u>—</u> <u>—</u> Stream or ditch     | <u>○</u> Shore line                       |
|  | <u>9</u> Section number                   |
| <u>186,000</u> State plane grid                | <u>□</u> Structure                        |
| <u>→</u> <u>→</u> Railroad tracks              | <u>[ ]</u> Former structure               |
| <u>—</u> <u>—</u> Central Study Area boundary  | <u>—</u> <u>—</u> Arsenal boundary        |
| <u>CSA 1-C</u> Site boundary                   | <u>-----</u> Sanitary sewer               |
| <u>—</u> <u>—</u> <u>B</u> Geophysical anomaly | <u>—</u> <u>—</u> <u>●</u> Chemical sewer |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.047 - 1.0
- 1.0 - 10
- 10 - 100
- >100







CSA 4

180,000

0

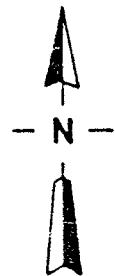
182,000

"E" Street

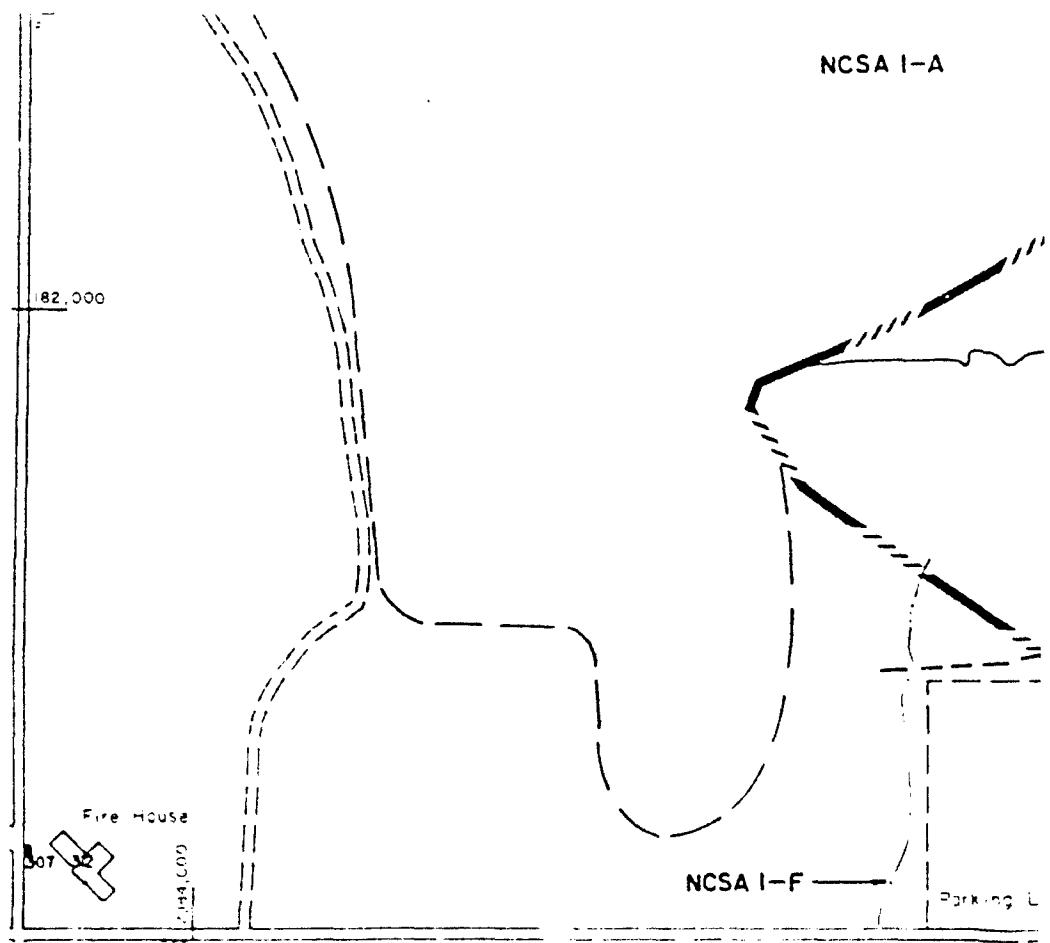
ROCKY MOUNTAIN ARSENAL  
LOCATION

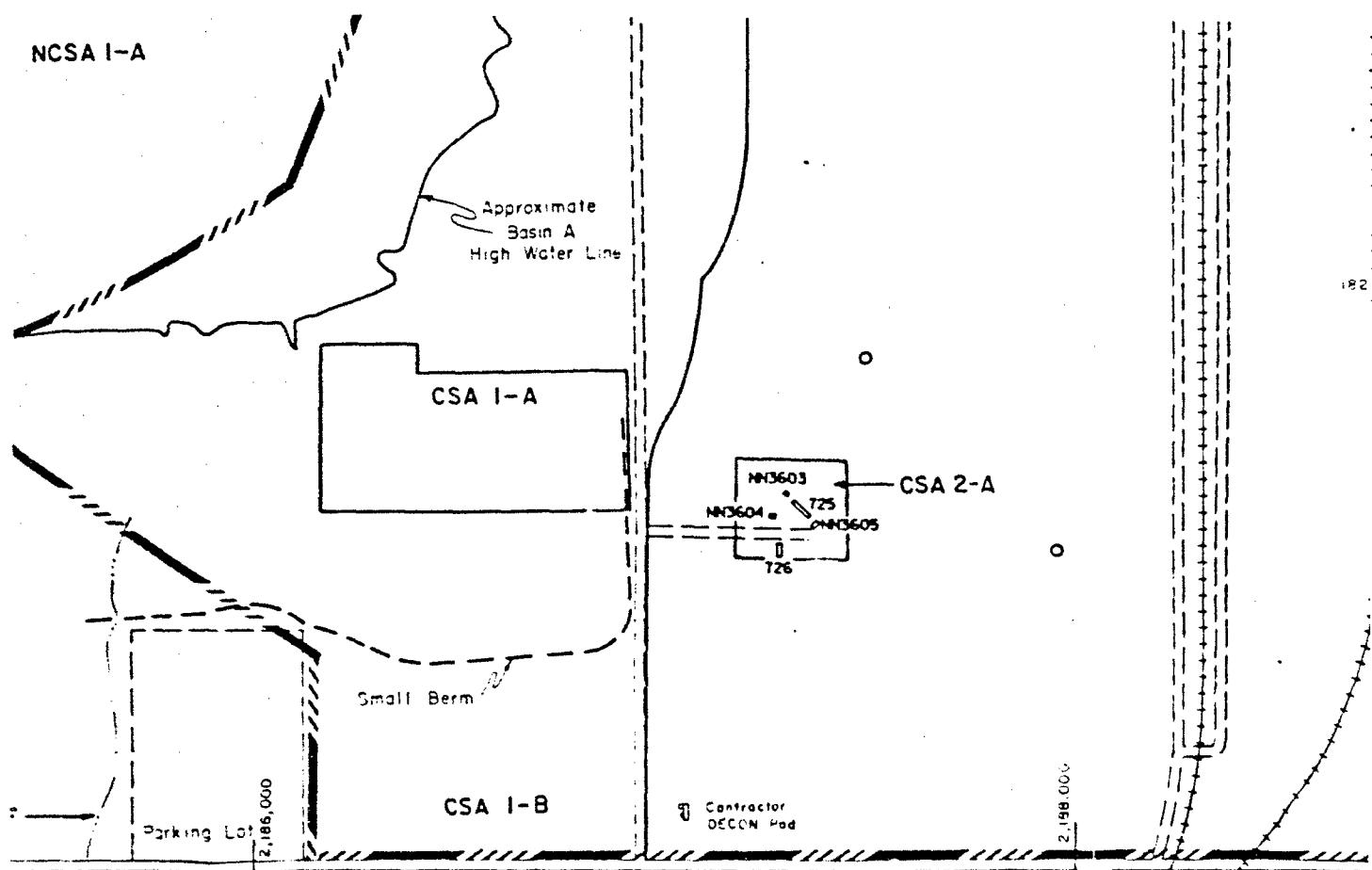
22	23	24	19	20
28	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7

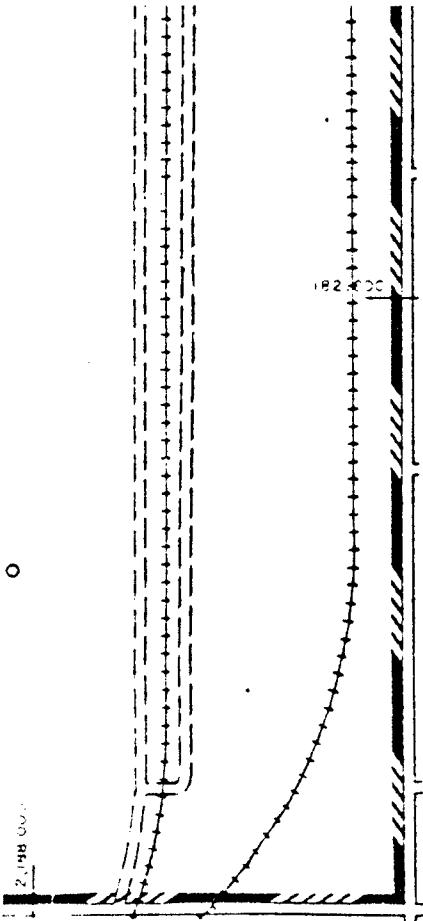
1" = 4 MILES



NCSA I-A



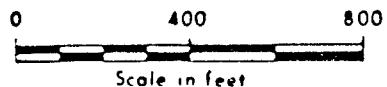
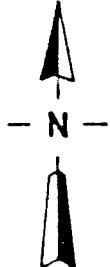




ROCKY MOUNTAIN ARSENAL  
LOCATION

22	23	24	19	20
28	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7

1" = 4 MILES



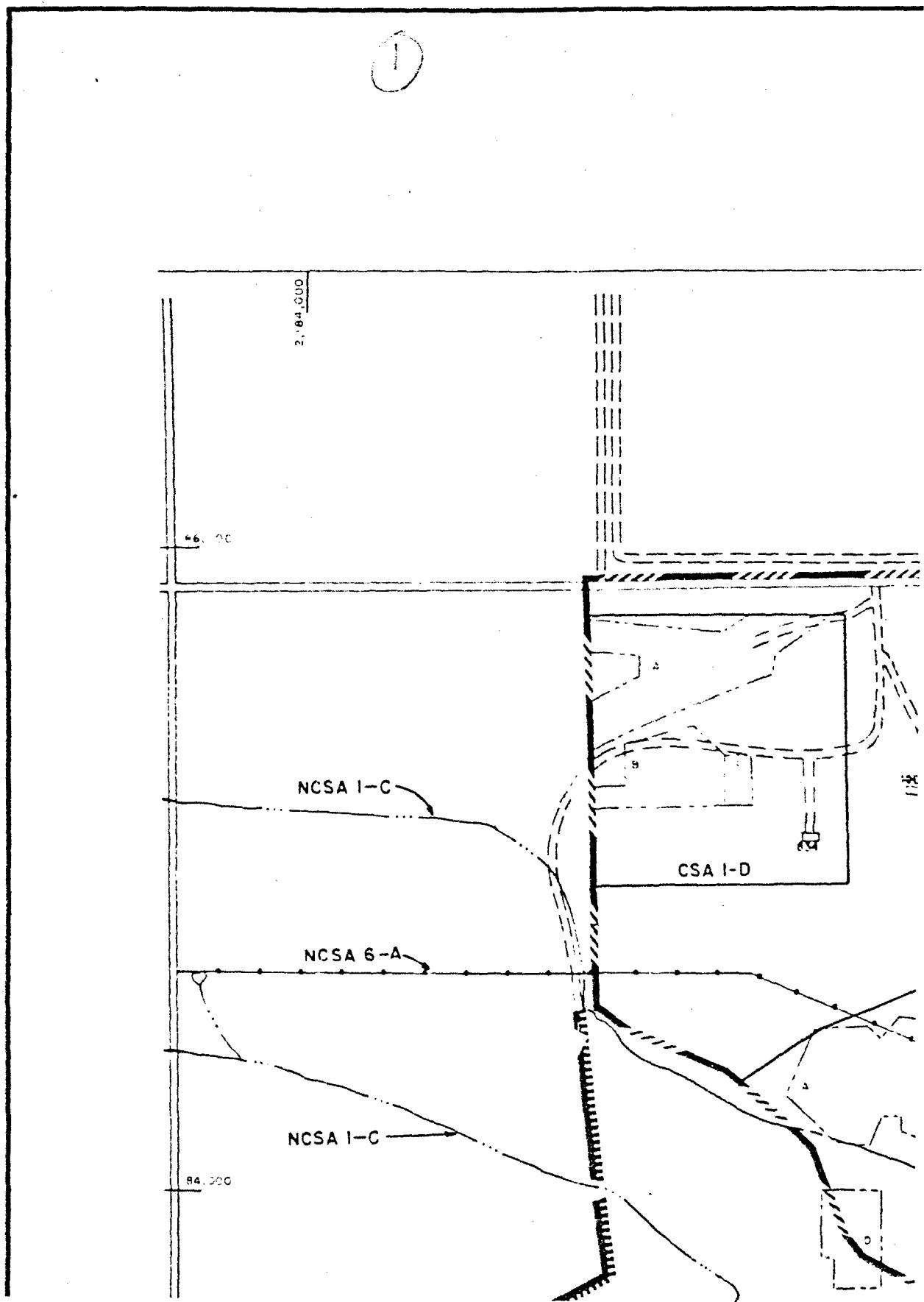
Prepared for:

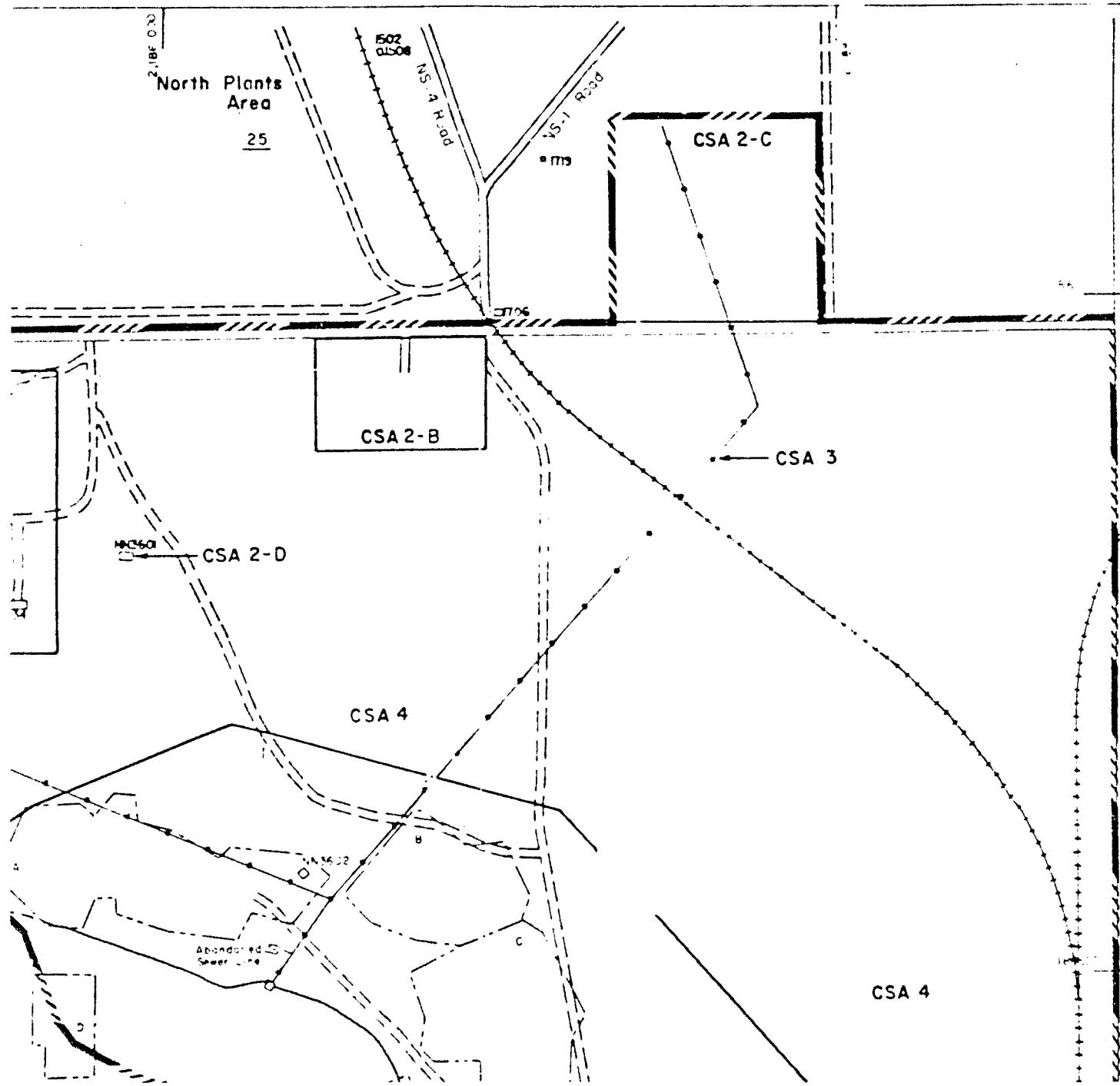
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-5

Volatile Halogenated Organic Compounds  
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





Legend

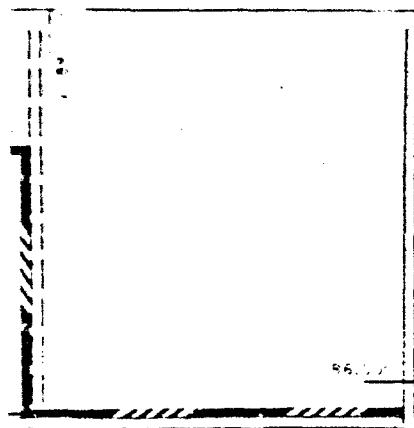
- |                |                             |  |                  |
|----------------|-----------------------------|--|------------------|
|                | Improved road               |  | Unimproved road  |
|                | Stream or ditch             |  | Shore line       |
| <u>186,000</u> | State plane grid            |  | Section number   |
|                | Railroad tracks             |  | Structure        |
|                | Central Study Area boundary |  | Arsenal boundary |
| <u>CSA 1-C</u> | Site boundary               |  | Sanitary sewer   |
|                | Geophysical anomaly         |  | Chemical sewer   |

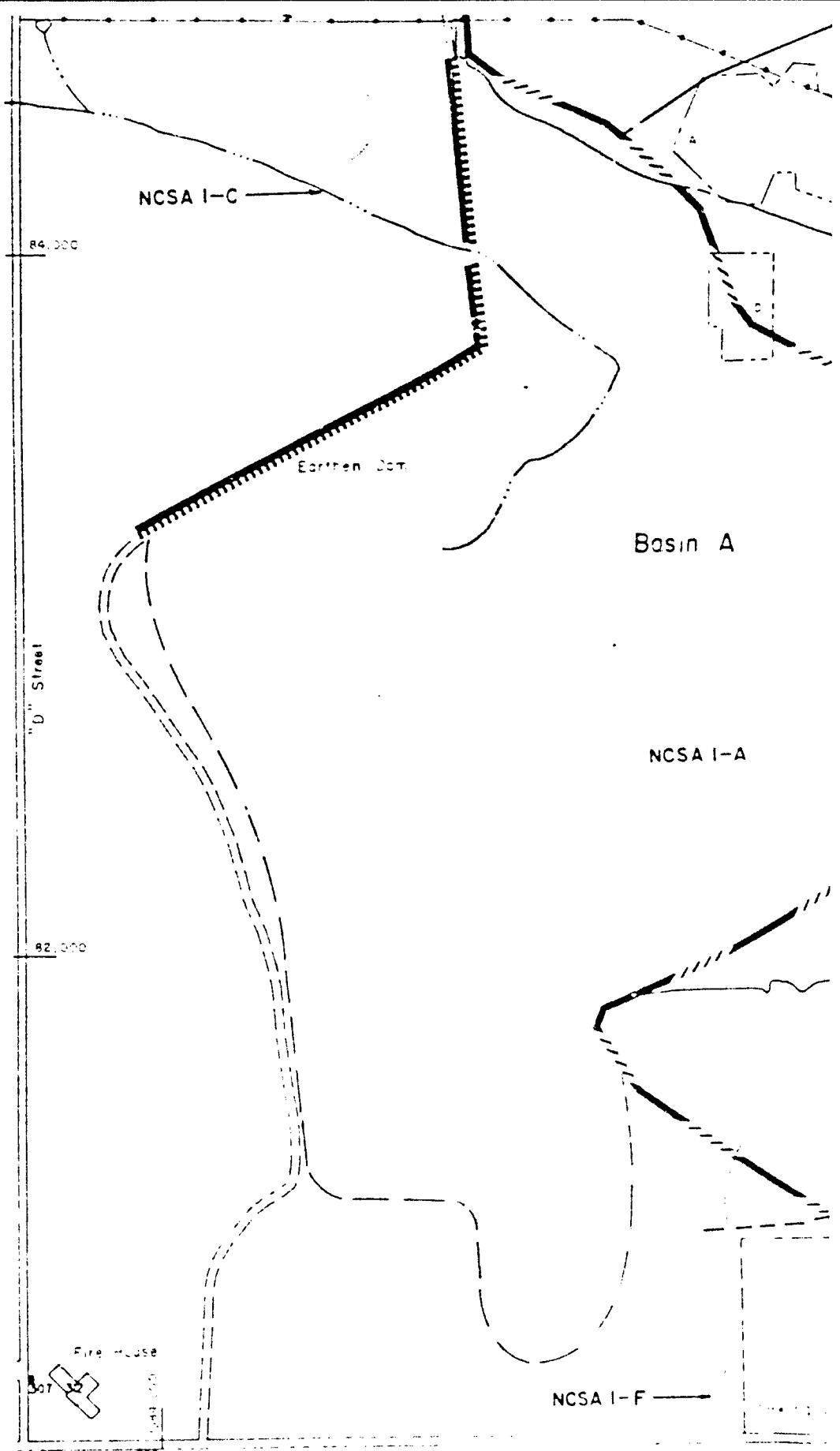
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

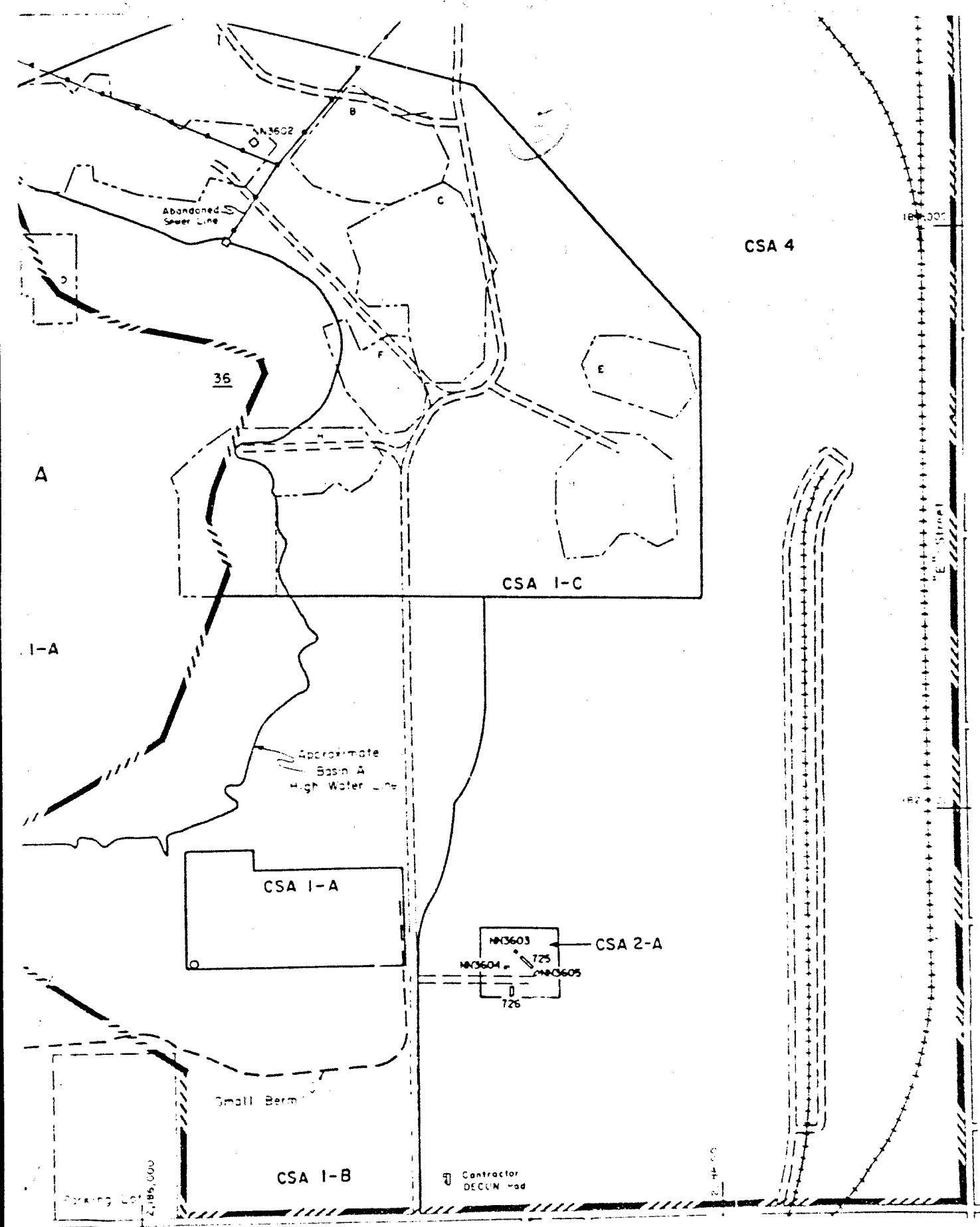
- Below Certified Reporting Limit (BCRL)
- 0.15-1.0
- 1.0 - 10
- 10 - 100
- >100

CSA 4

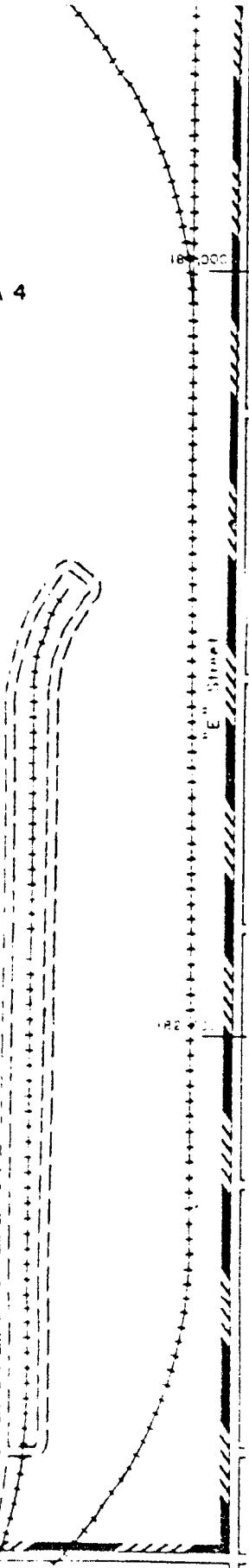
186,001







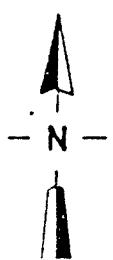
CSA 4



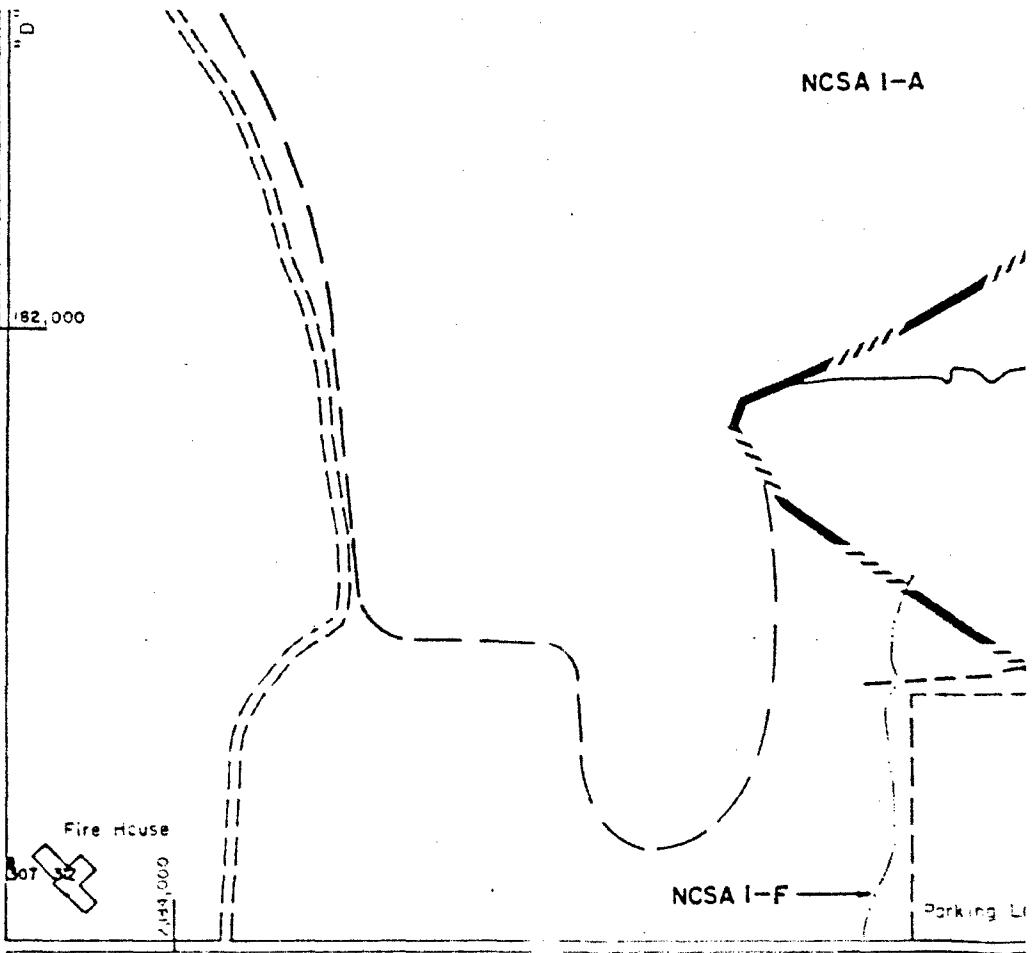
ROCKY MOUNTAIN ARSENAL  
LOCATION

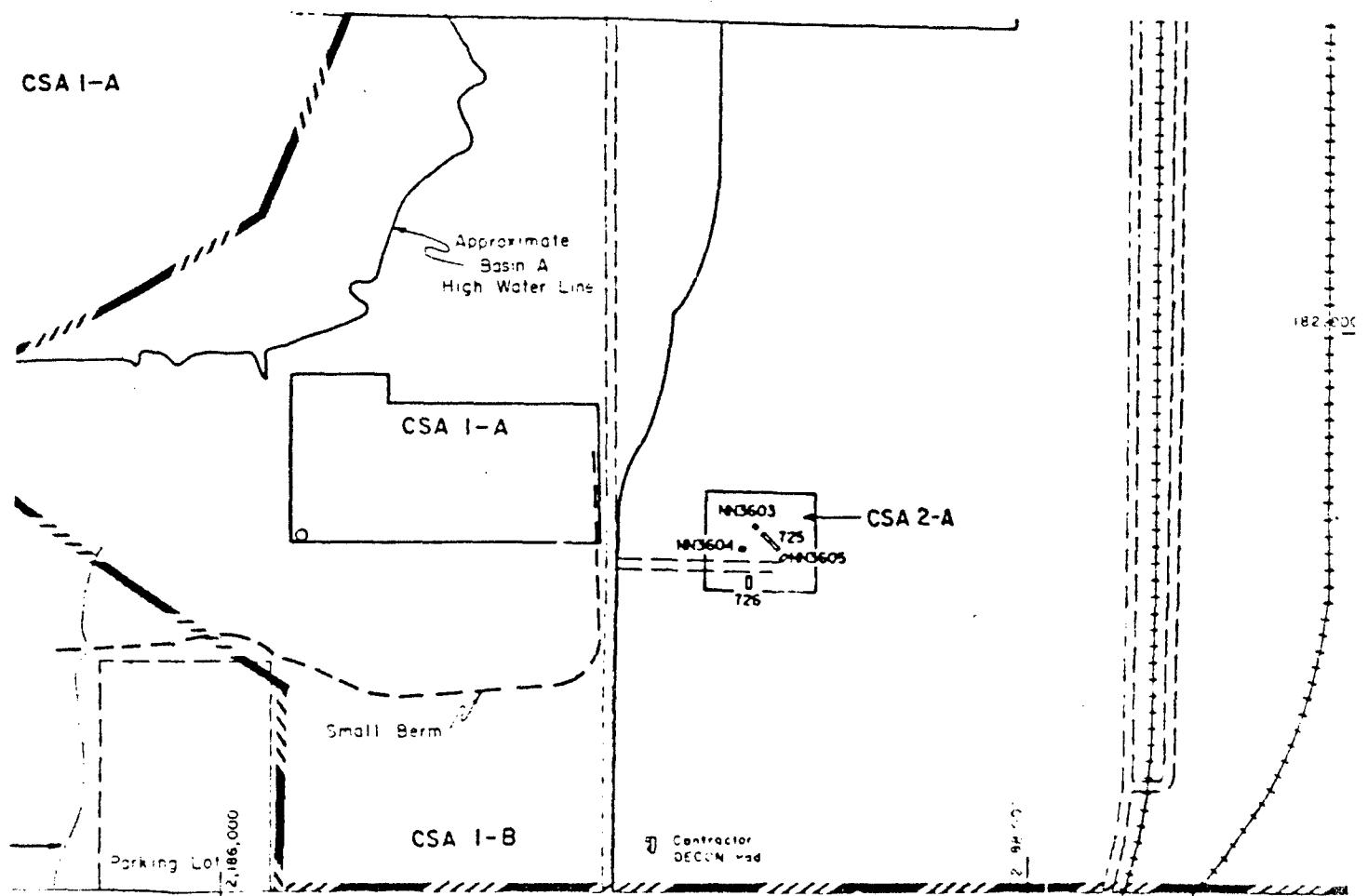
22	23	24	9	20
28	27	26	25	30 29
33	34	35	31	32
4	3	2	1	5 3.
9		11	2	7 8

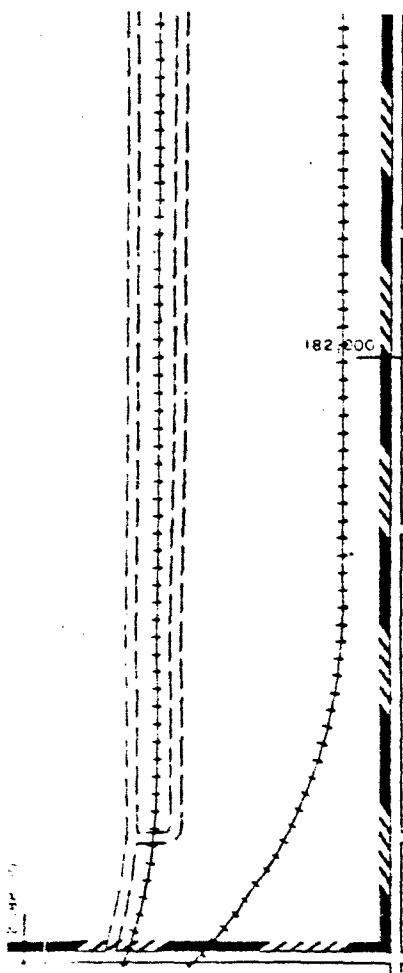
1" = 4 MILES



NCSA I-A



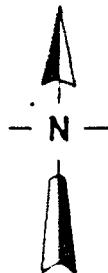




ROCKY MOUNTAIN ARSENAL  
LOCATION

22	23	24	19	20
28	27	26	25	30
33	34	35	34	31
4	3	2	1	6
9		11	12	7

1" = 4 MILES



0            400            800  
Scale in feet

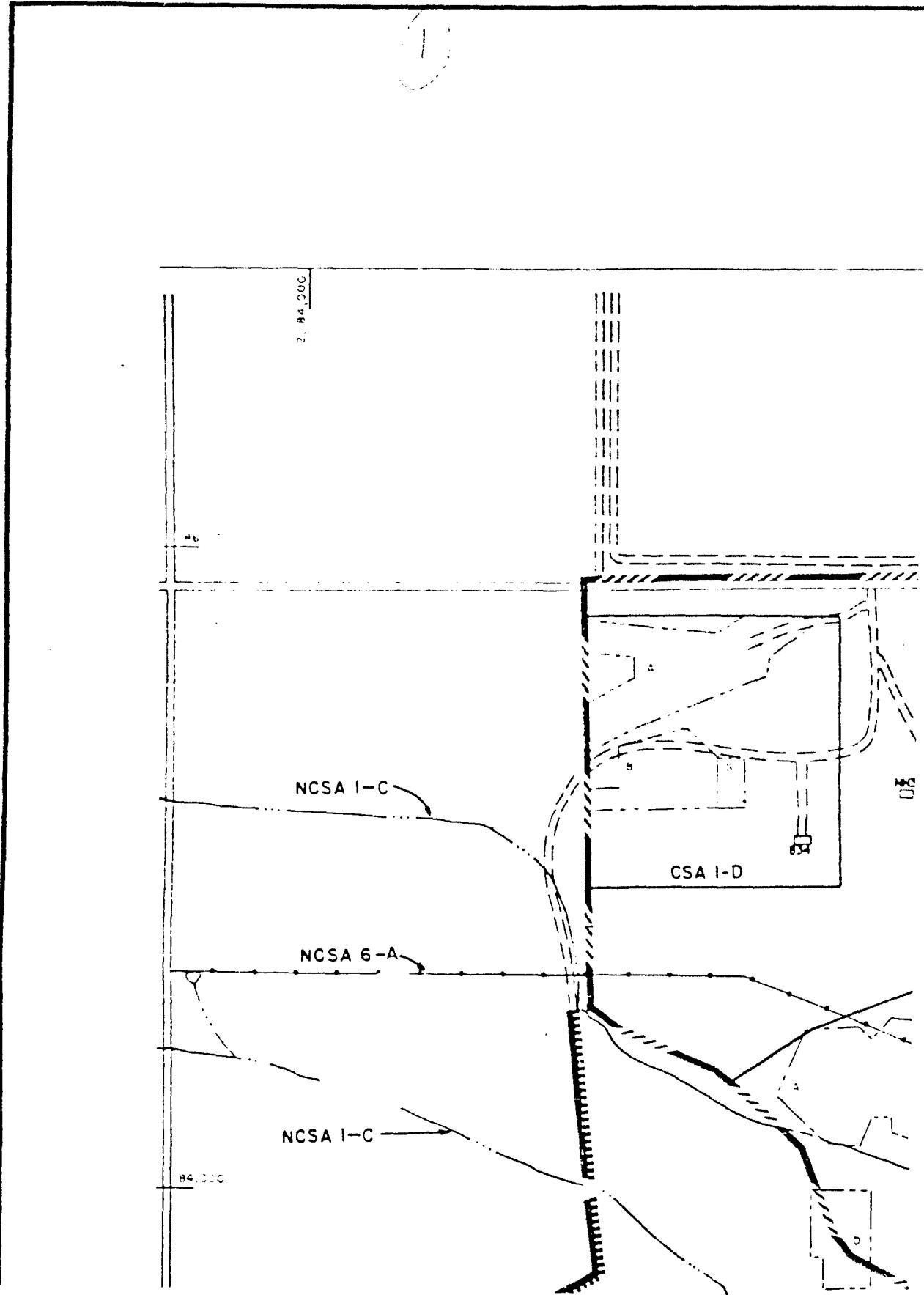
Prepared for:

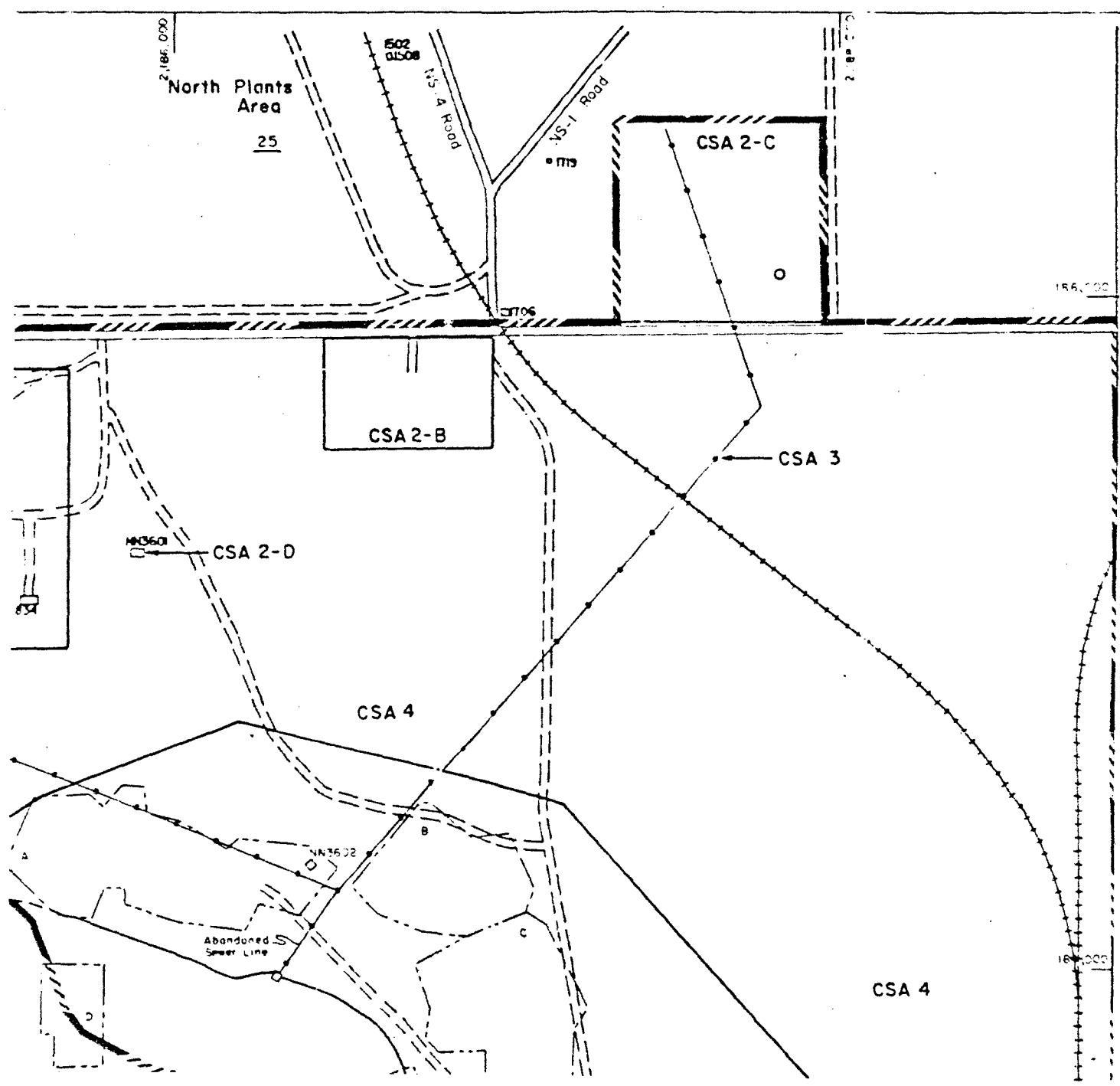
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-6

Methylene Chloride  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





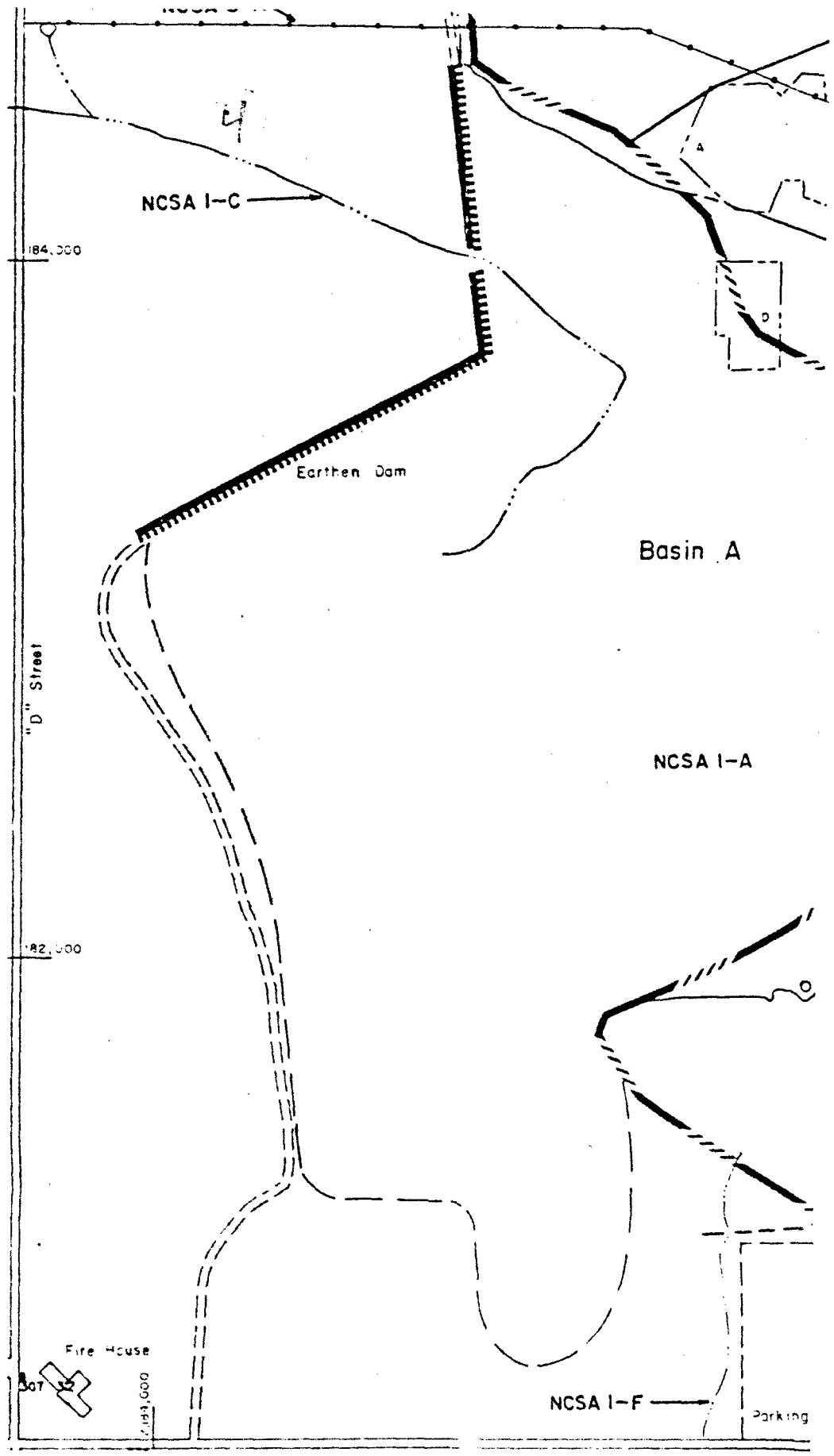
Legend

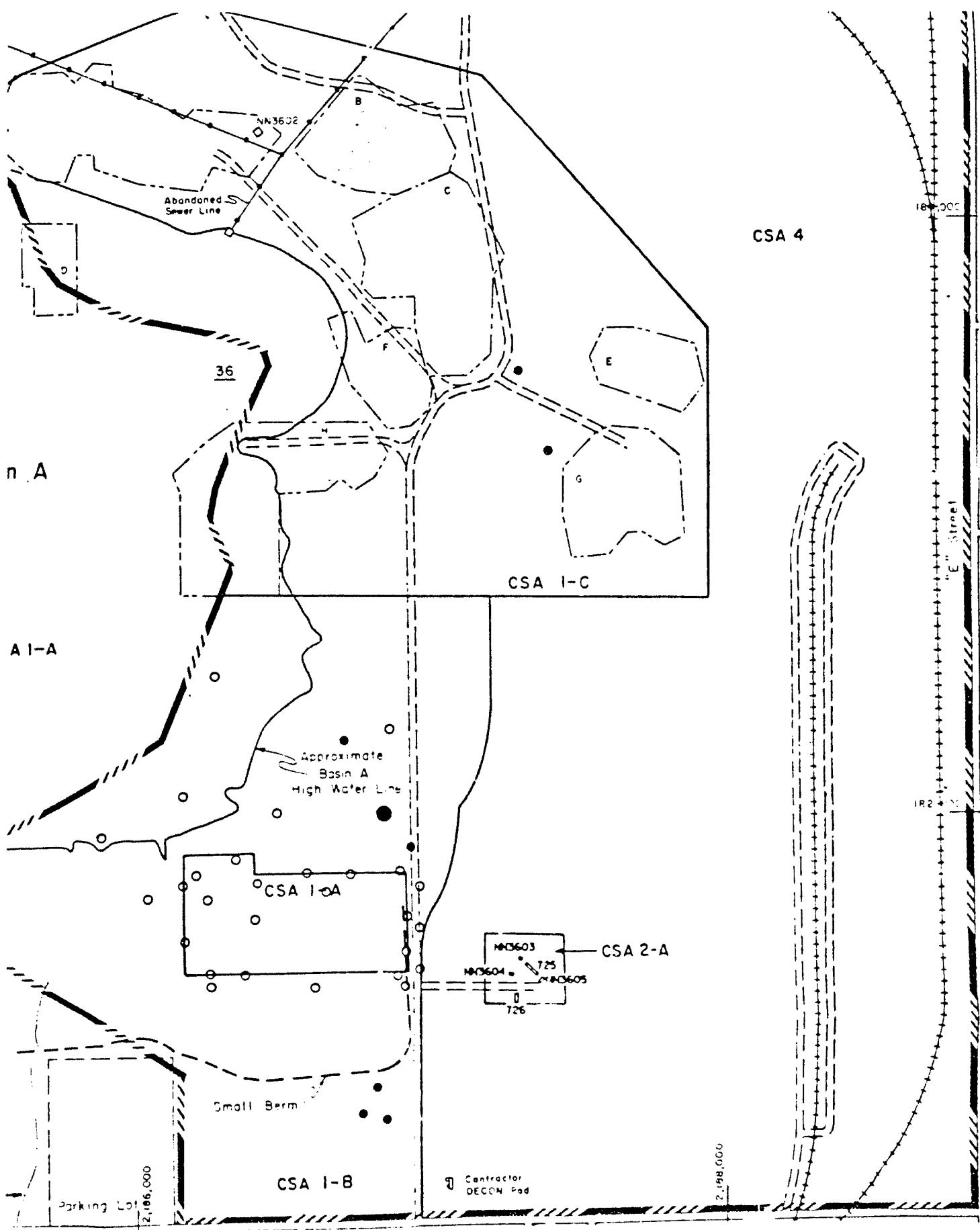
- |  |                             |
|--|-----------------------------|
| <u>=====</u> Improved road               | <u>====</u> Unimproved road |
| <u>~~~~~</u> Stream or ditch             | <u>○</u> Shore line         |
| <u>186,000</u> State plane grid          | <u>9</u> Section number     |
| <u>→←</u> Railroad tracks                | <u>□</u> Structure          |
| <u>.....</u> Central Study Area boundary | <u>[ ]</u> Former structure |
| <u>CSA I-C</u> Site boundary             | <u>—</u> Arsenal boundary   |
| <u>— 8 —</u> Geophysical anomaly         | <u>-----</u> Sanitary sewer |
|  | <u>— ▶ —</u> Chemical sewer |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

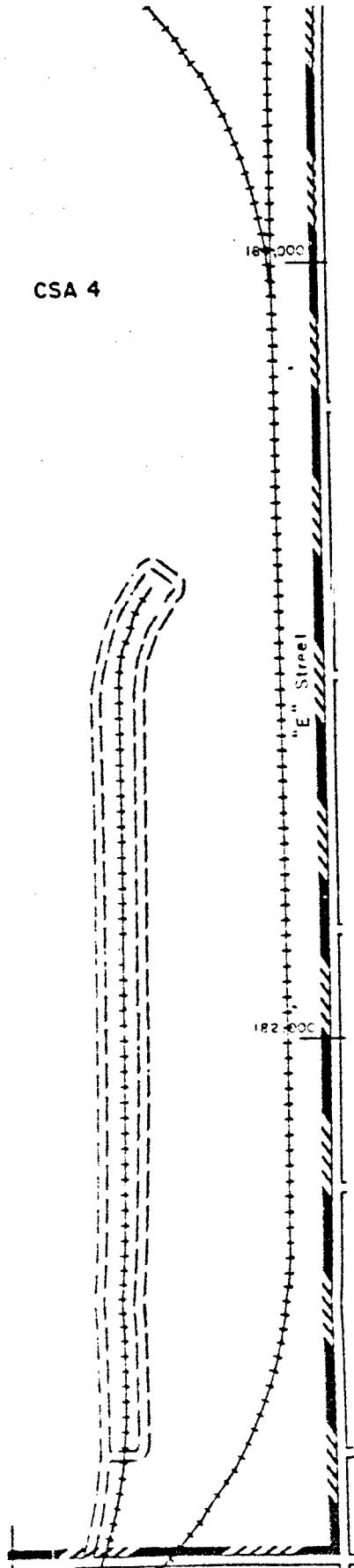
- Below Certified Reporting Limit (BCRL)
- 0.15 - 1.0
- 1.0 - 10
- 10 - 100
- >100

CSA 4





CSA 4

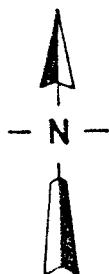


6

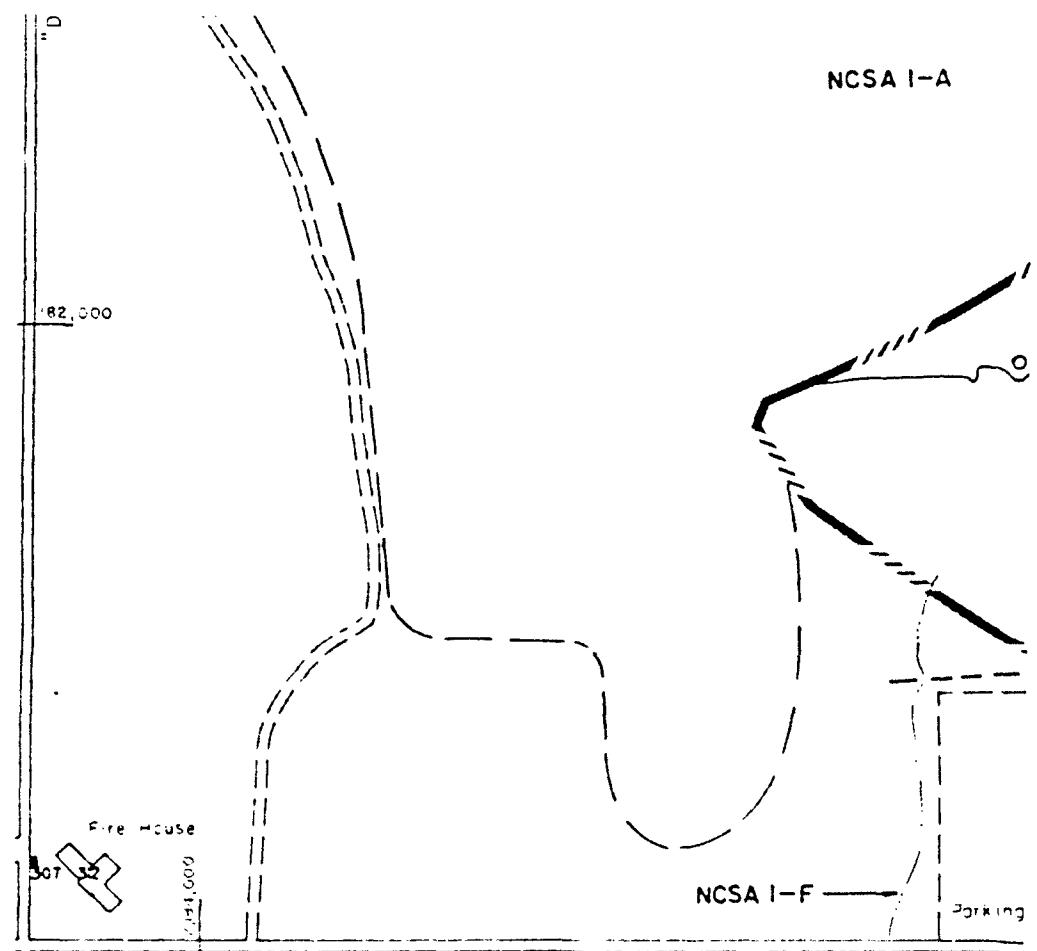
ROCKY MOUNTAIN ARSENAL  
LOCATION

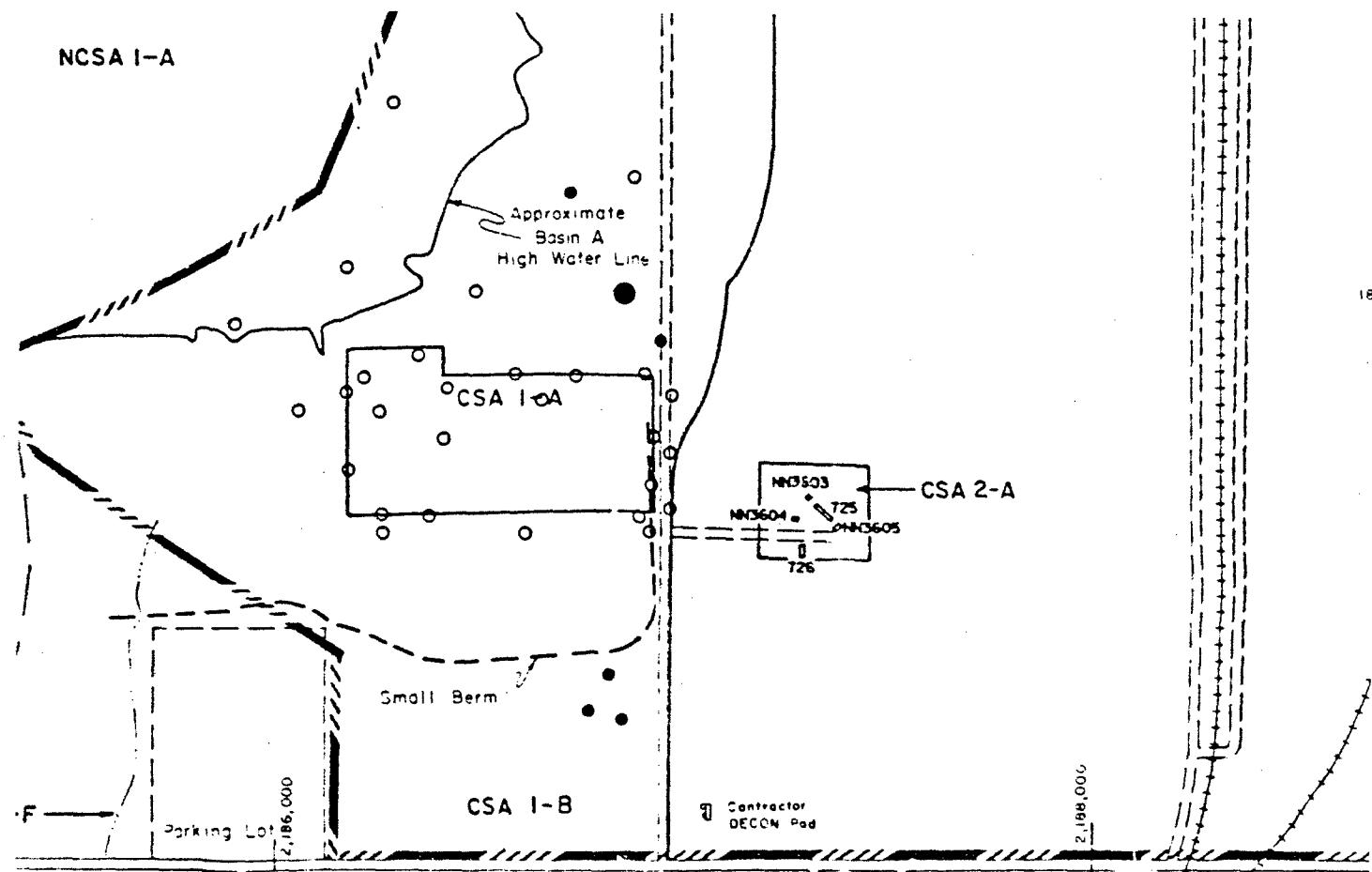
22	23	24	9	20
28	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7

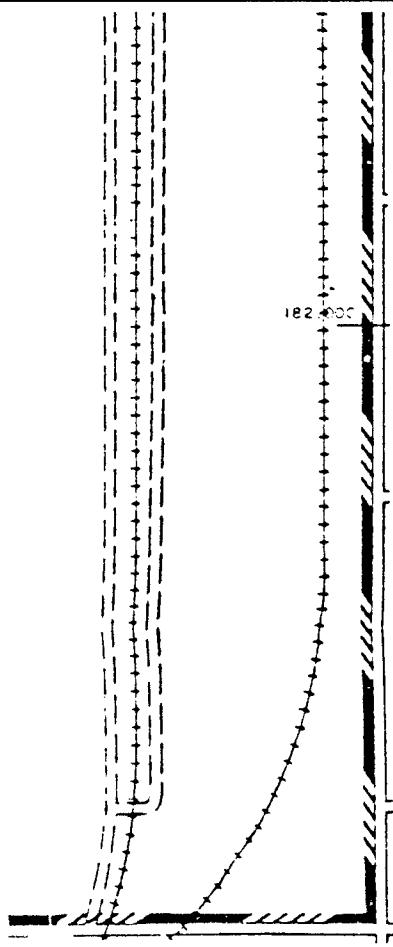
1" = 4 MILES



NCSA I-A



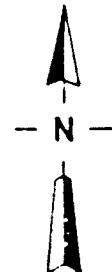




ROCKY MOUNTAIN ARSENAL  
LOCATION

22	23	24	19	20
29	27	26	25	30
33	34	35	31	32
4	3	2	1	6
9		11	12	7
			8	

1" = 4 MILES



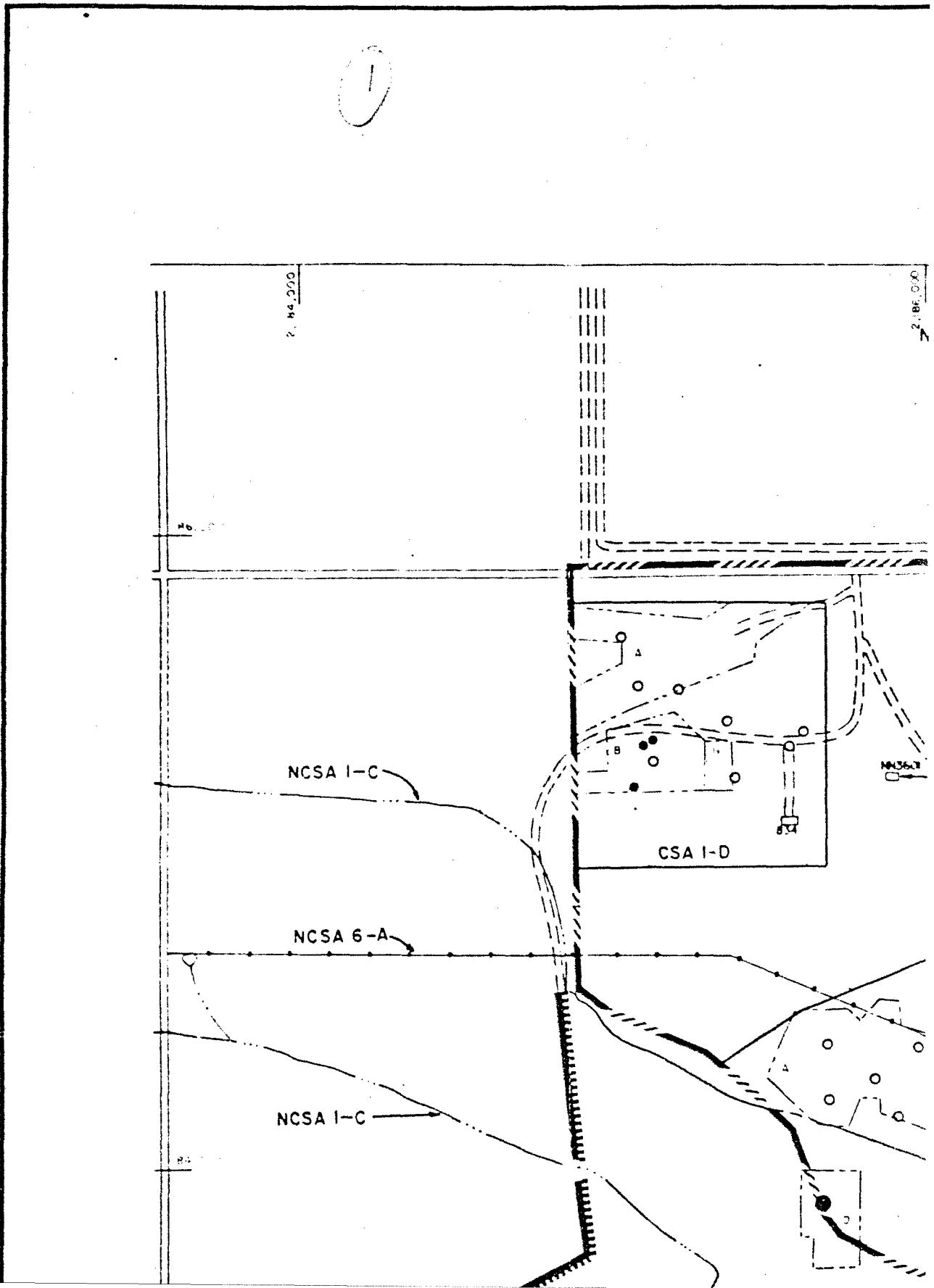
Prepared for:

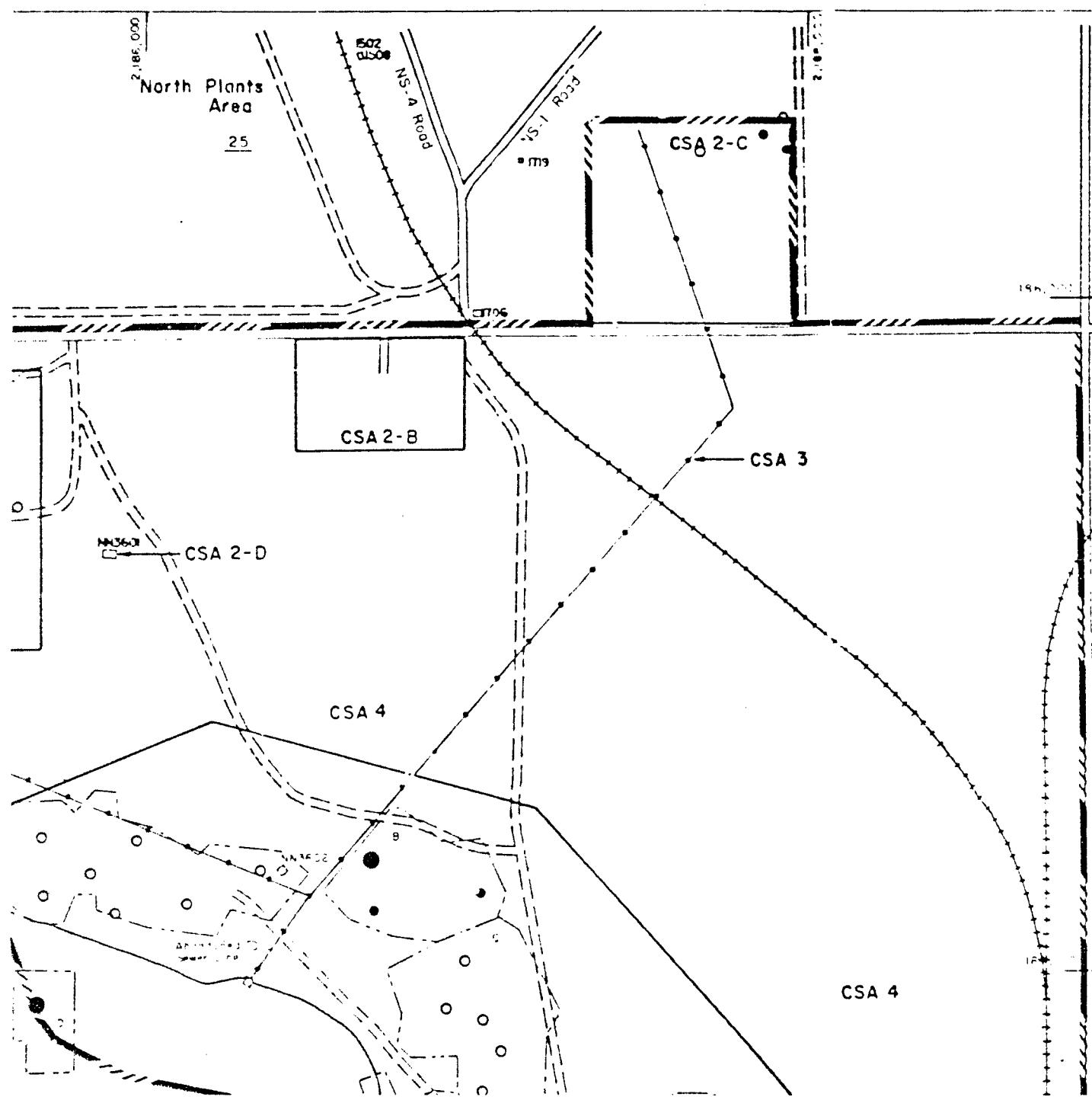
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-7

Methylene Chloride  
in Soils in the 2-5 ft. Interval

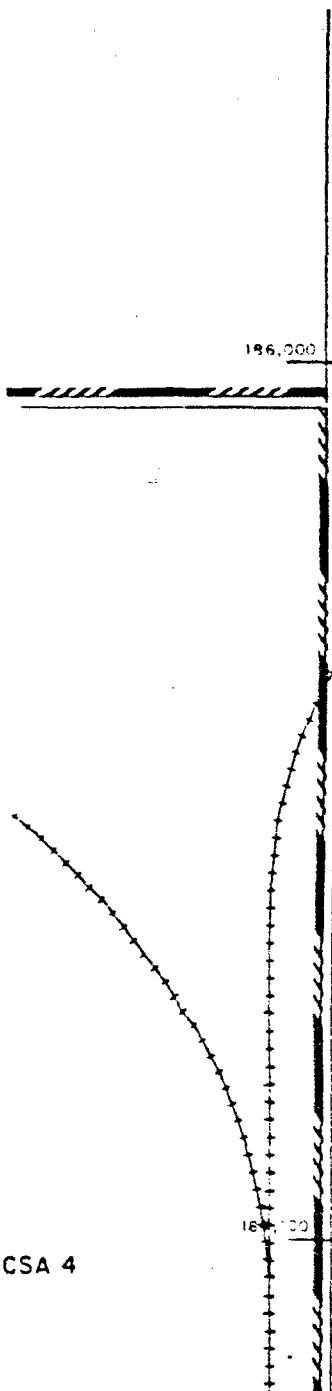
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





Legend

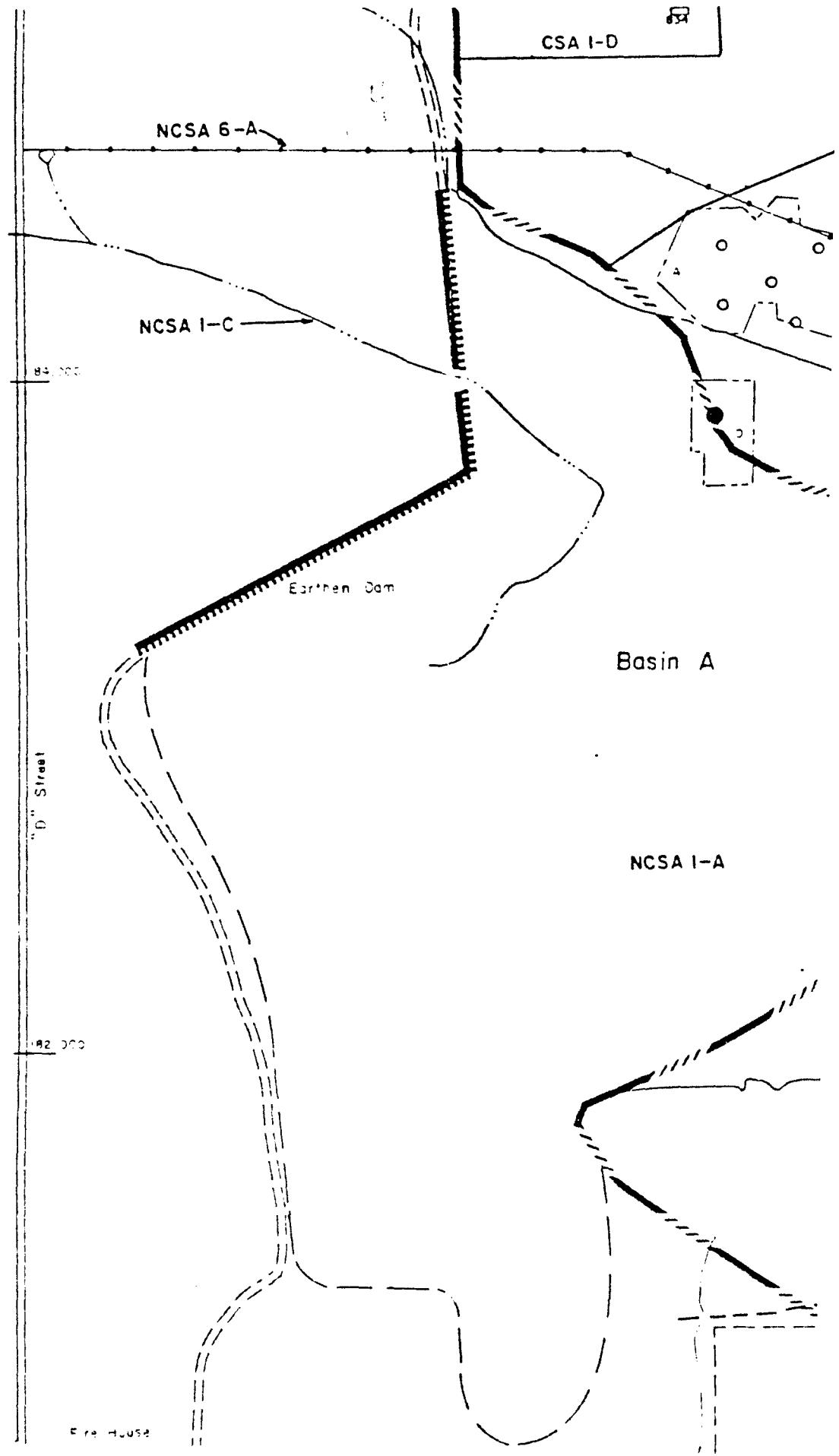
- 13
- |   |                             |
|---|-----------------------------|
| <u>—</u> Improved road                  | <u>—</u> Unimproved road    |
| <u>~~~~~</u> Stream or ditch            | <u>○</u> Shore line         |
| <u>_____</u> 186,000 State plane grid   | <u>9</u> Section number     |
| <u>→→</u> Railroad tracks               | <u>□</u> Structure          |
| <u>....</u> Central Study Area boundary | <u>□</u> Former structure   |
| <u>CSA I-C</u> Site boundary            | <u>—</u> Arsenal boundary   |
| <u>—</u> Geophysical anomaly            | <u>-----</u> Sanitary sewer |
|   | <u>—●—●</u> Chemical sewer  |

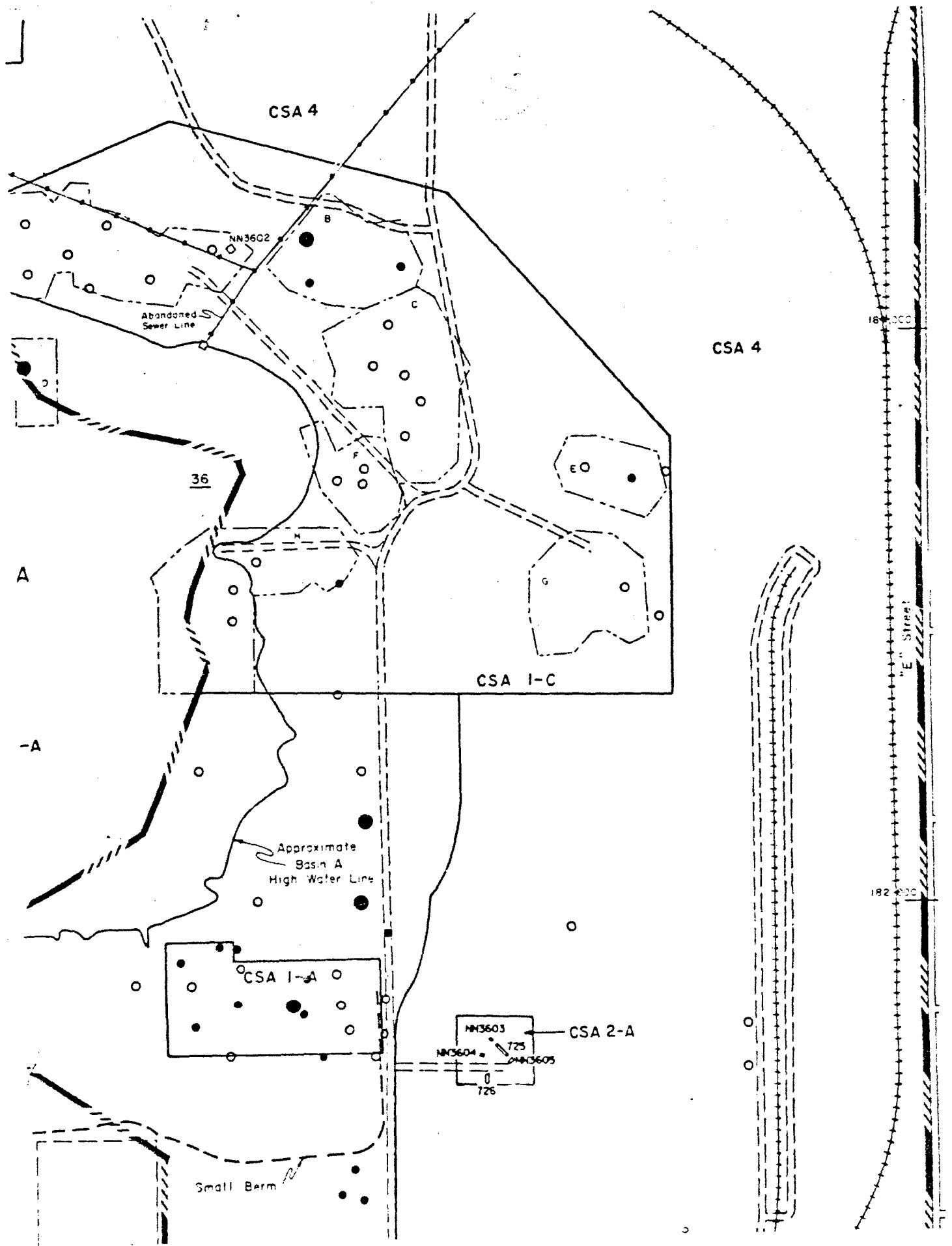


ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

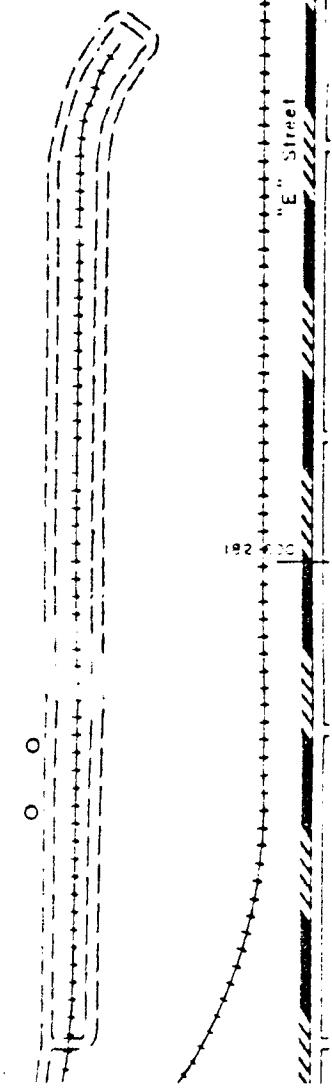
- Below Certified Reporting Limit (BCRL)
- 0.15 - 1.0
- 1.0 - 10
- 10 - 100
- >100

CSA 4





SA 4

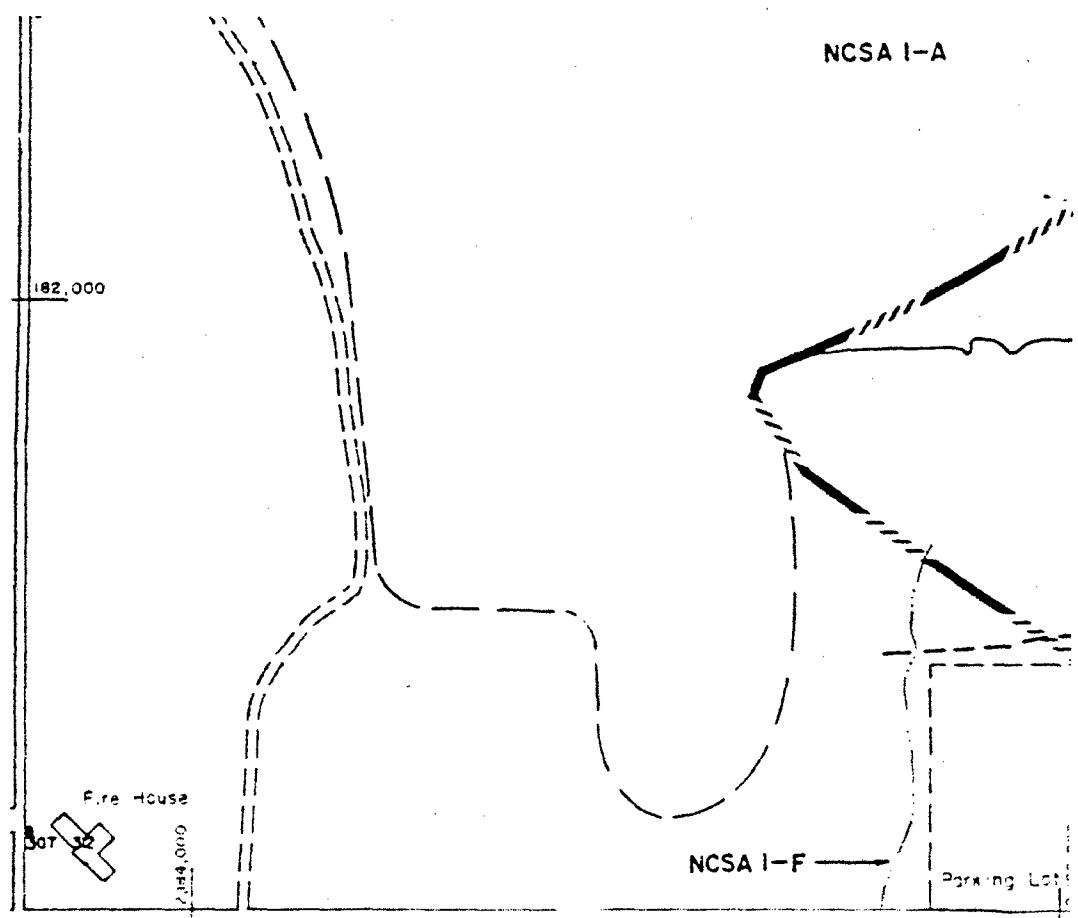


ROCKY MOUNTAIN ARSENAL  
LOCATION

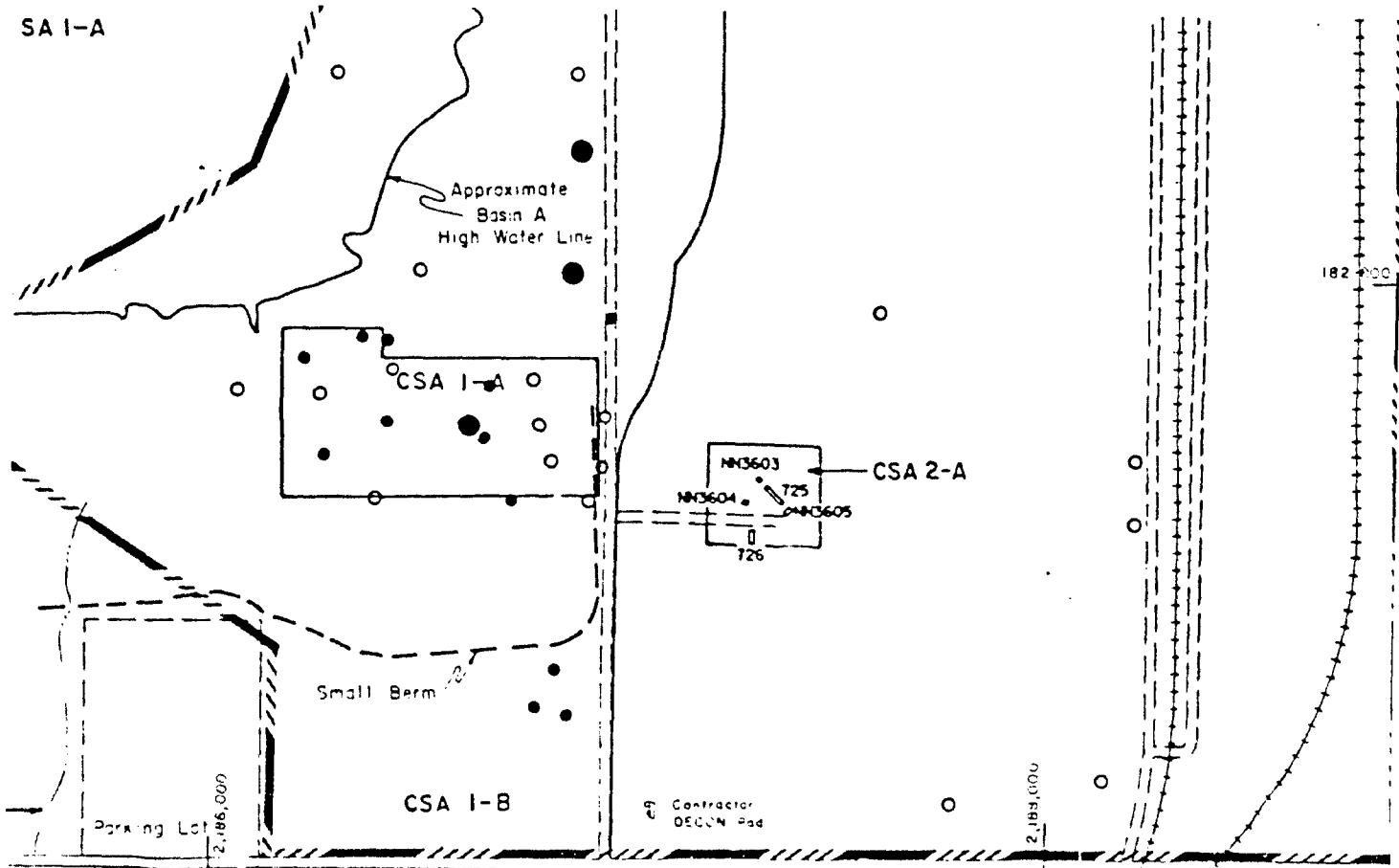
22	23	24	19	20
29	27	25	25	30
33	34	35	31	32
4	3	2	1	5
7		2	7	8

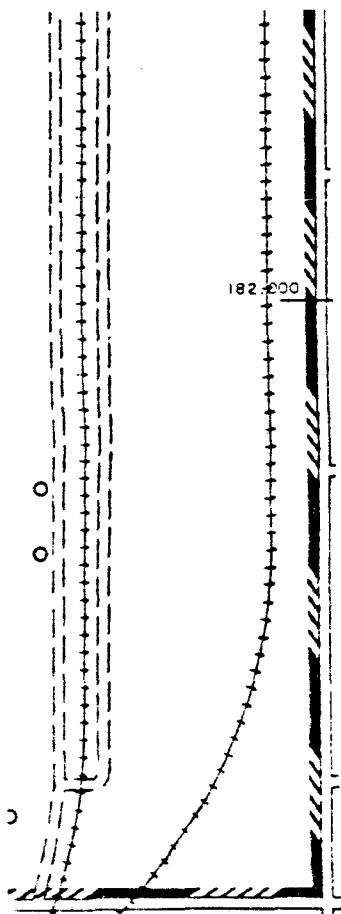
1" = 4 MILES

NCSA I-A



5

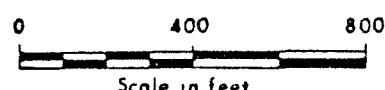
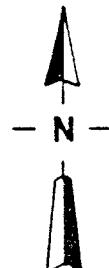




ROCKY MOUNTAIN ARSENAL  
LOCATION

	22	23	24	29	20
28	27	26	25	30	29
33	34	35	36	31	32
4	3	2	1	5	5
9		11	12	7	8

1" = 4 MILES



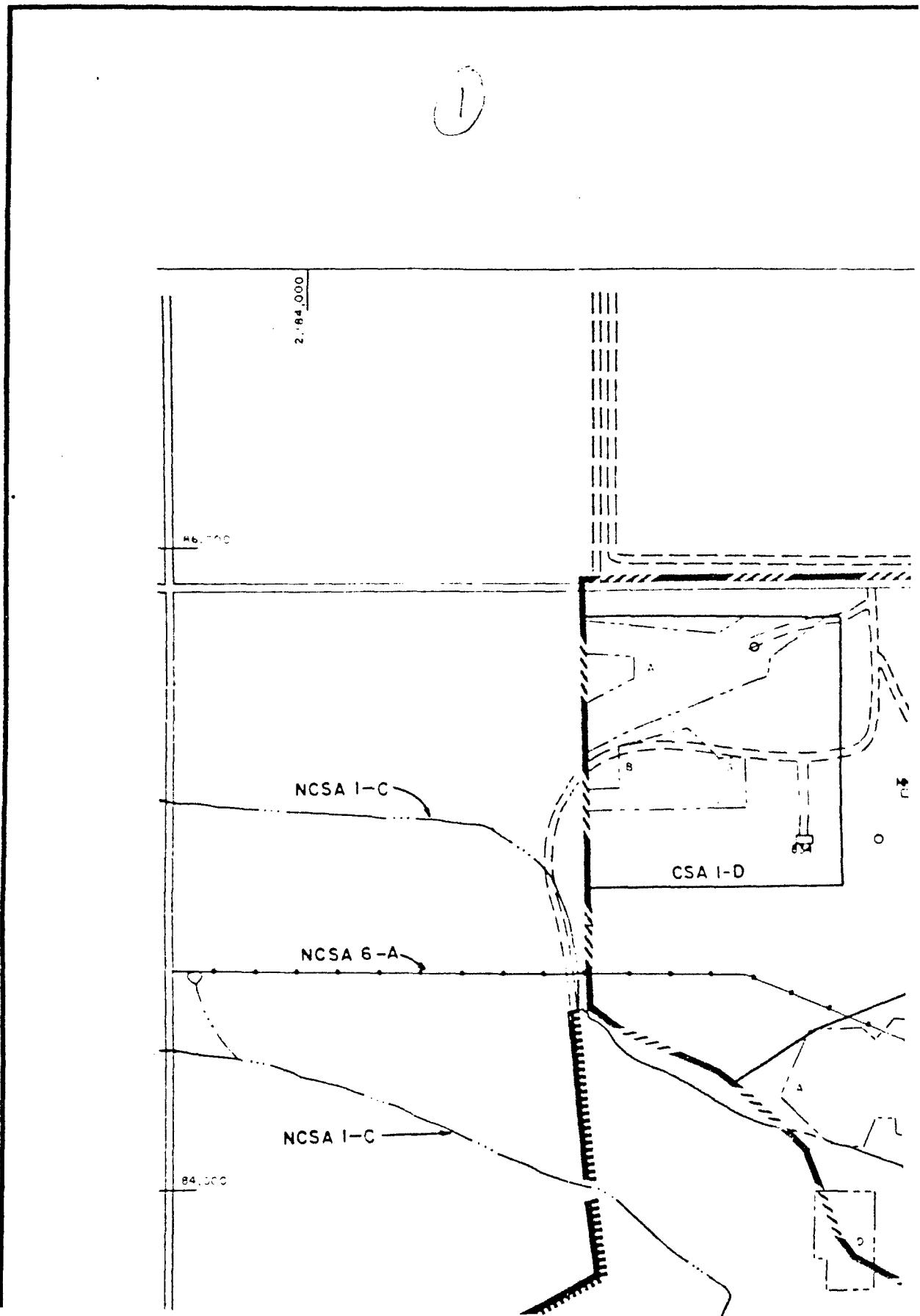
Prepared for:

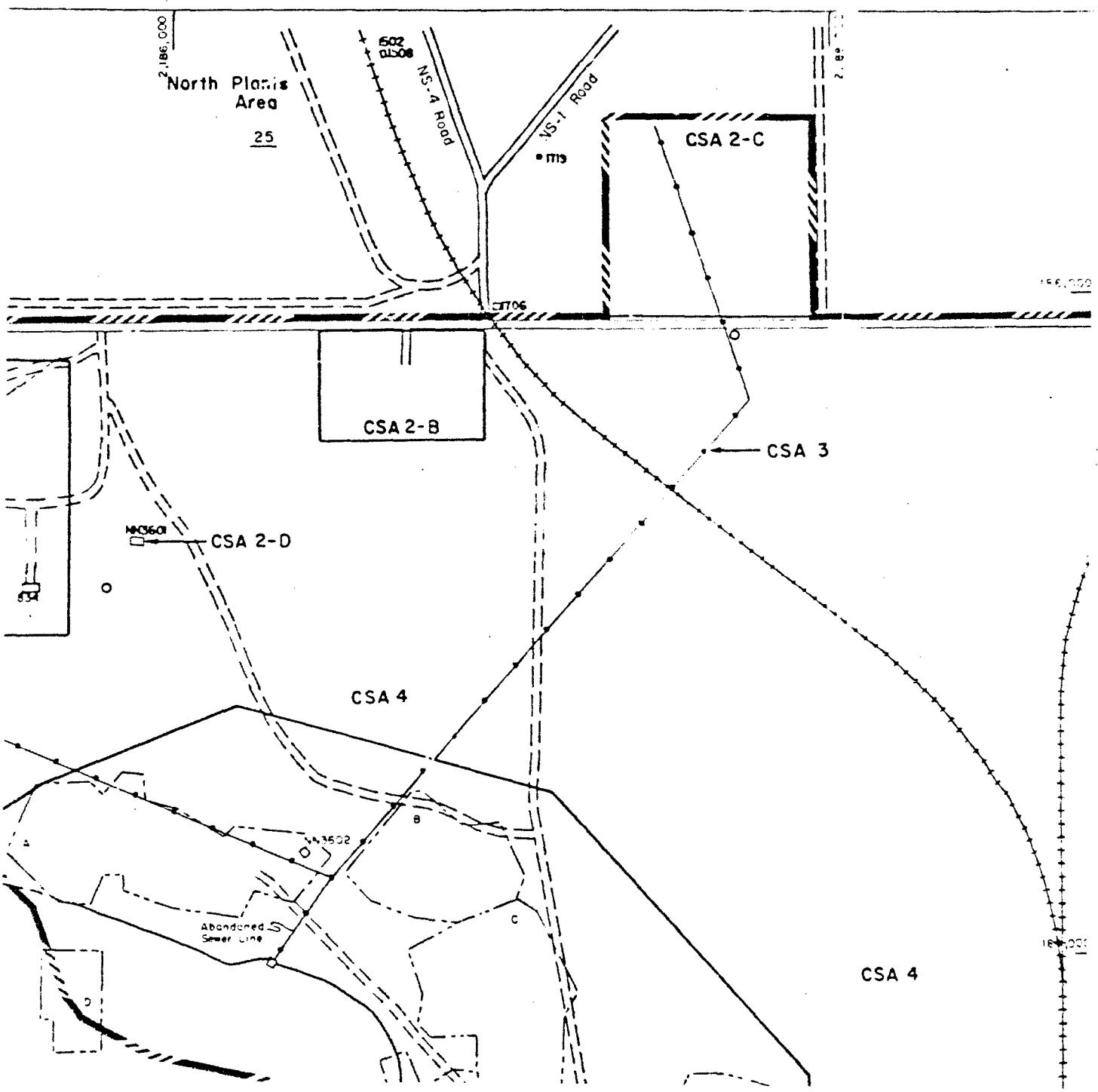
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-8

Methylene Chloride  
in Soils in the 5-20 ft. Interval

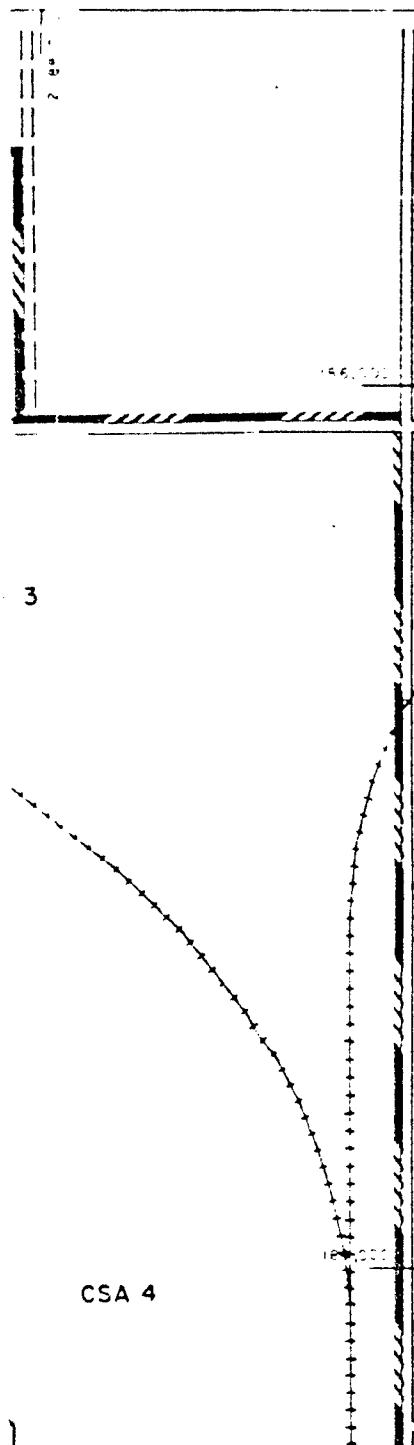
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





Legend

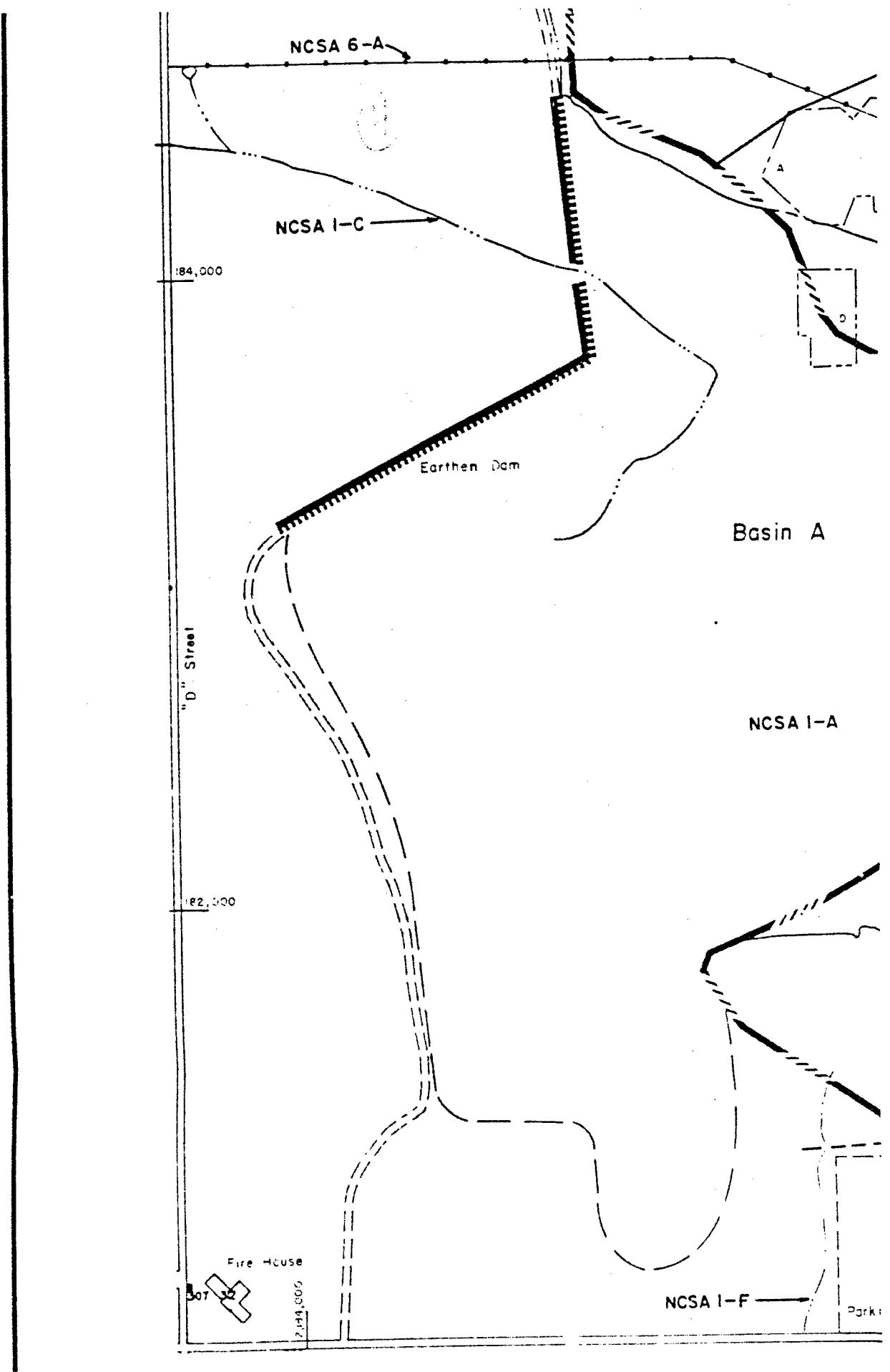
- Improved road      - - - Unimproved road  
~~~~ Stream or ditch      ○ Shore line  
9 Section number  
186.000 State plane grid      □ Structure  
→ Railroad tracks      [ ] Former structure  
— - - Central Study Area boundary      — Arsenal boundary  
CSA 1-C Site boundary      - - - Sanitary sewer  
— - B Geophysical anomaly      - - - Chemical sewer

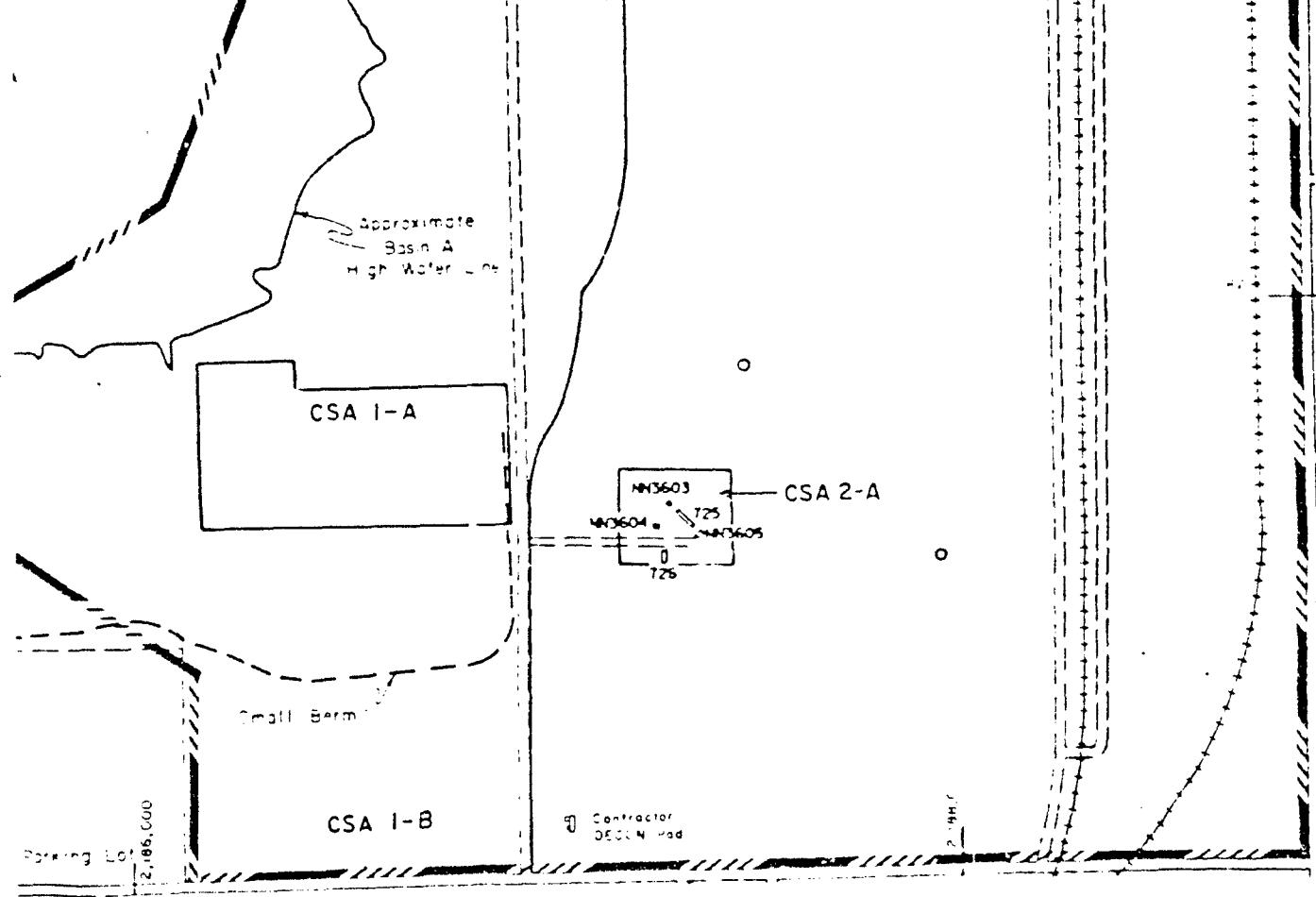
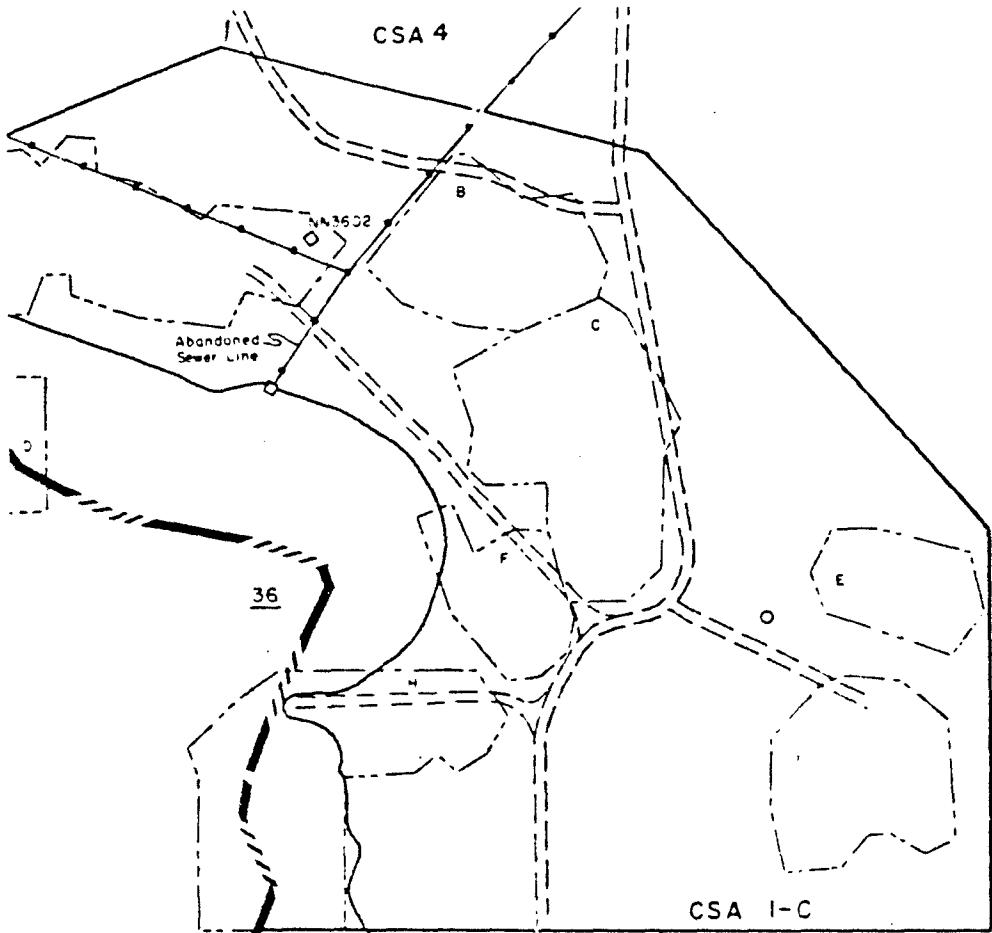


ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.15 - 1.0
- 1.0 - 10
- 10 - 100
- >100

CSA 4





CSA 4

ROCKY MOUNTAIN ARSENAL  
LOCATION

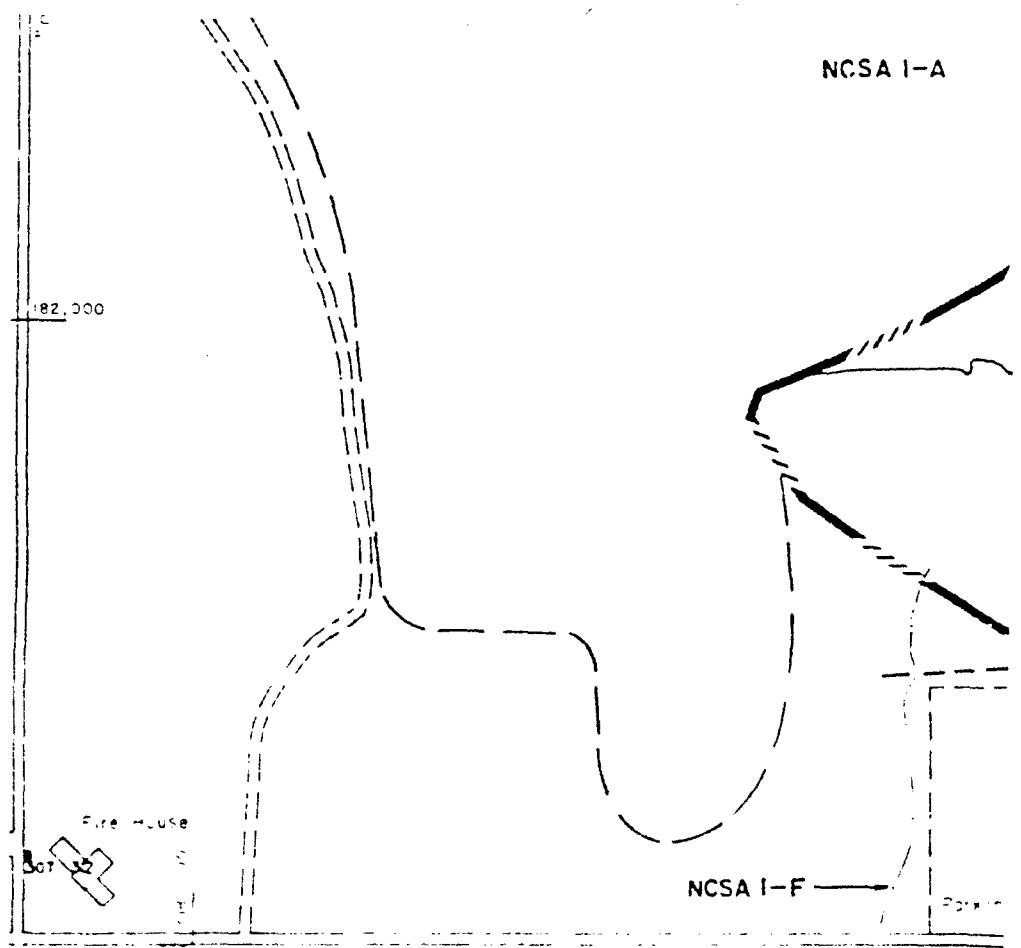
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 25 | 30 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 11 | 12 | 7  |

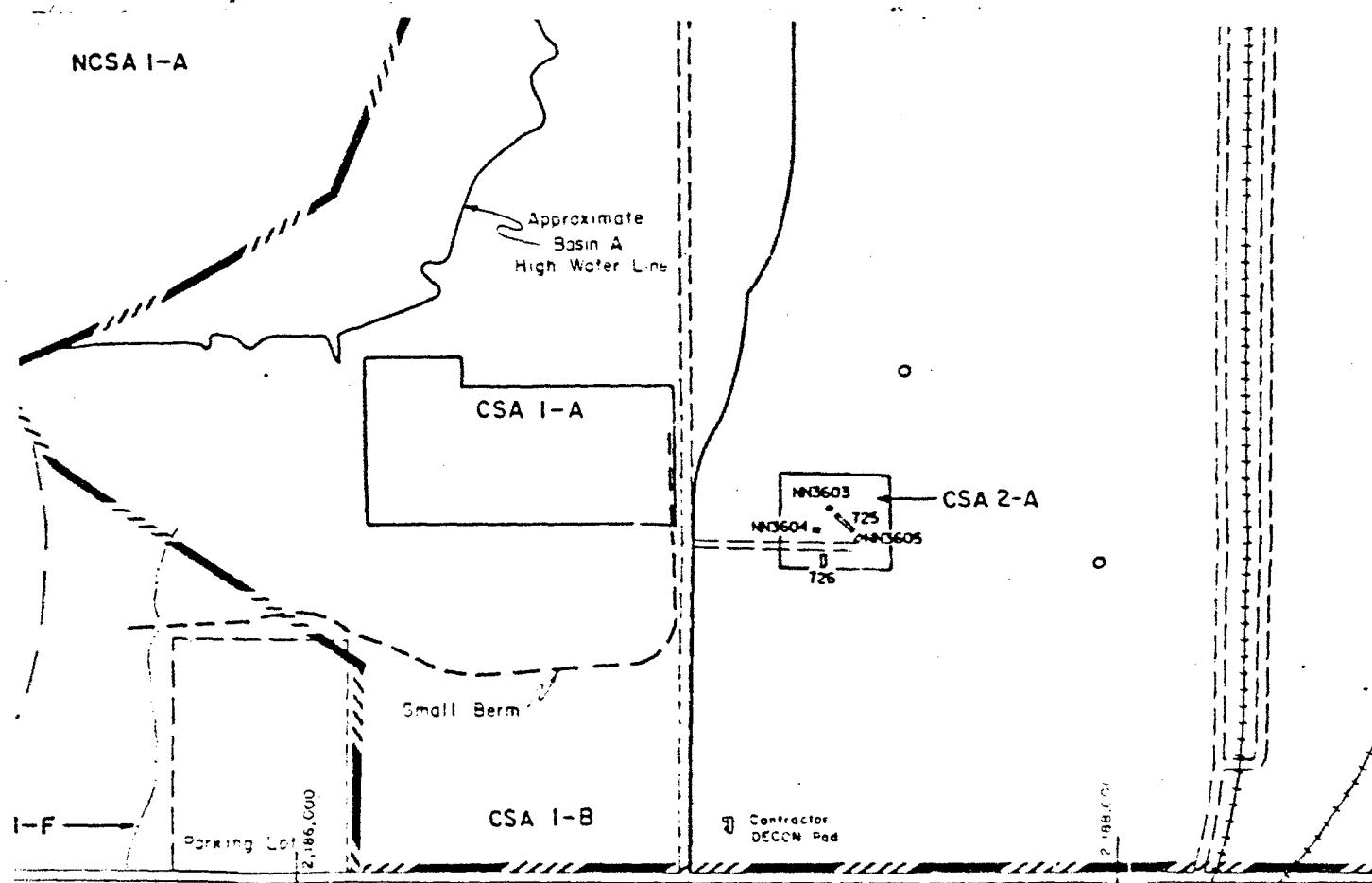
1" = 4 MILES

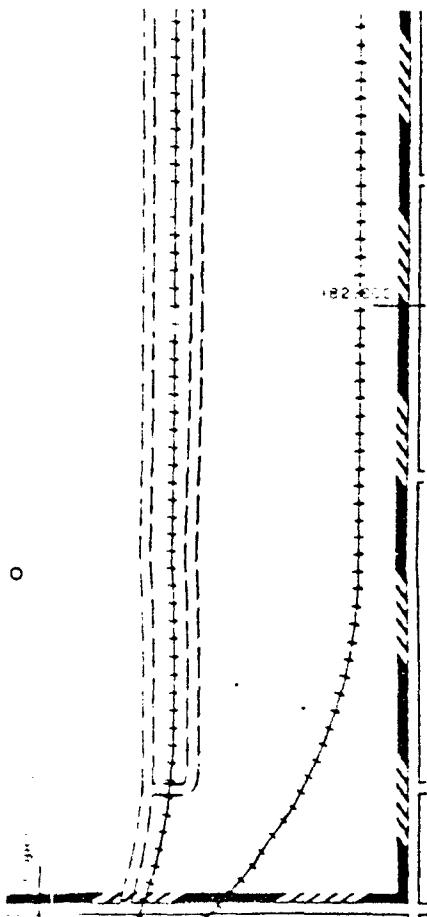


- N -

NCSA I-A



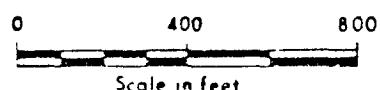
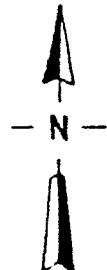




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 |    | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    |    | 7  | 8  |

1" = 4 MILES



Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-9

Methylene Chloride  
in Soils in the > 20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated

1

2,184,000

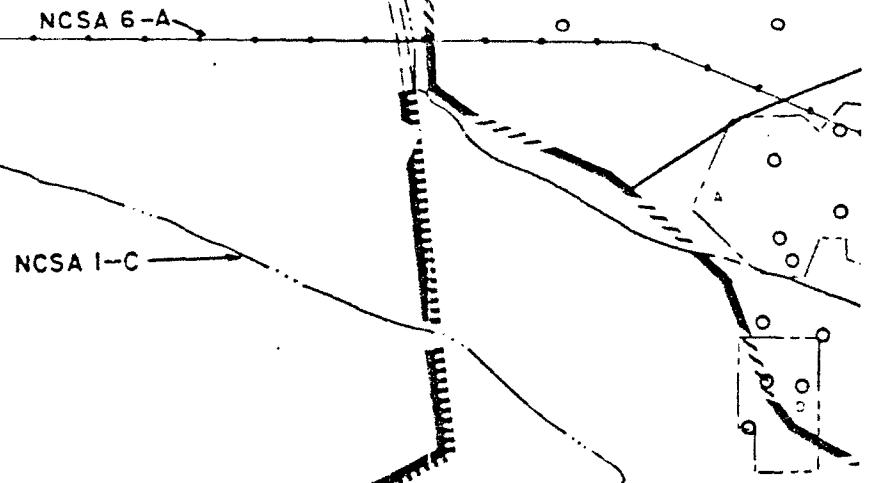
86,000

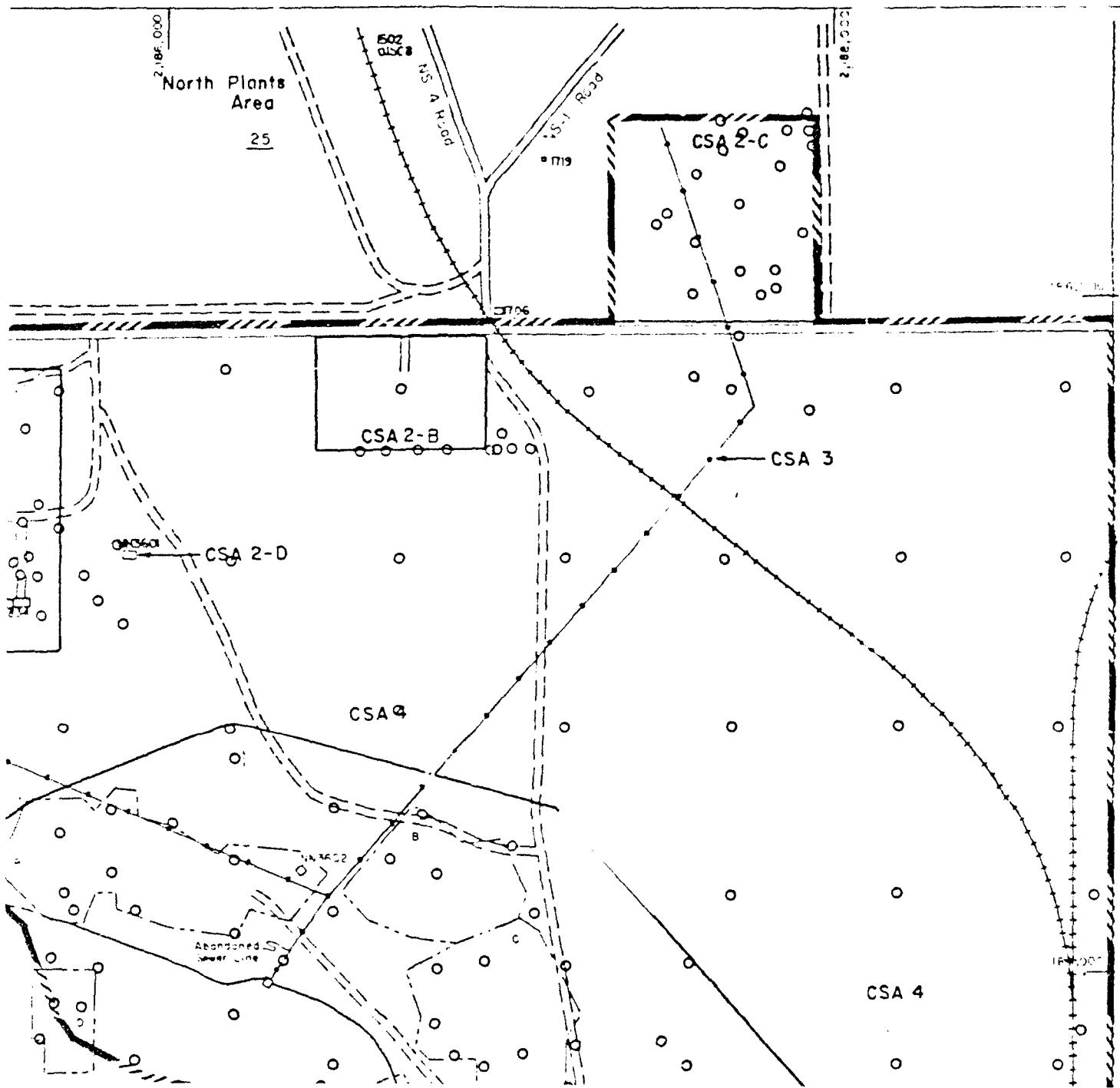
NCSA I-C

NCSA 6-A

NCSA I-C

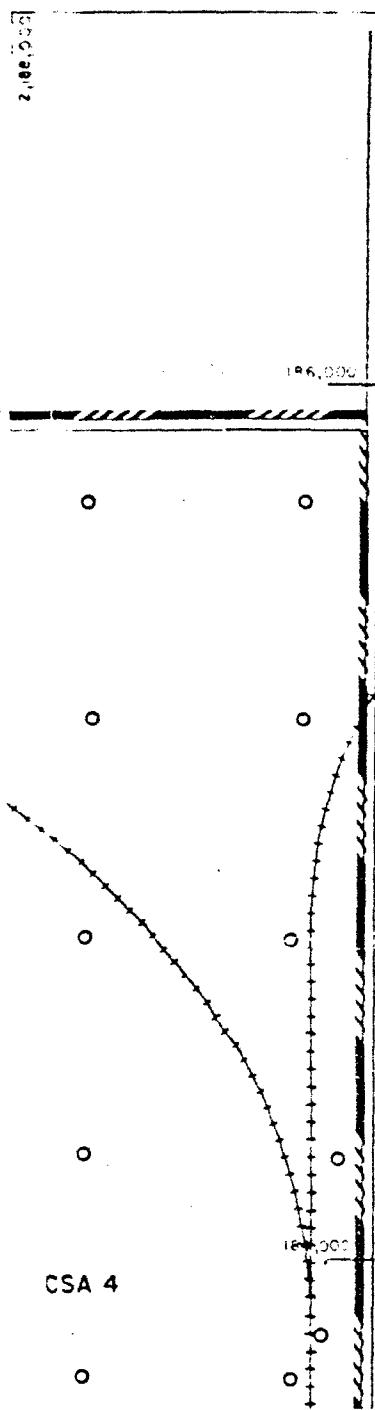
184,000





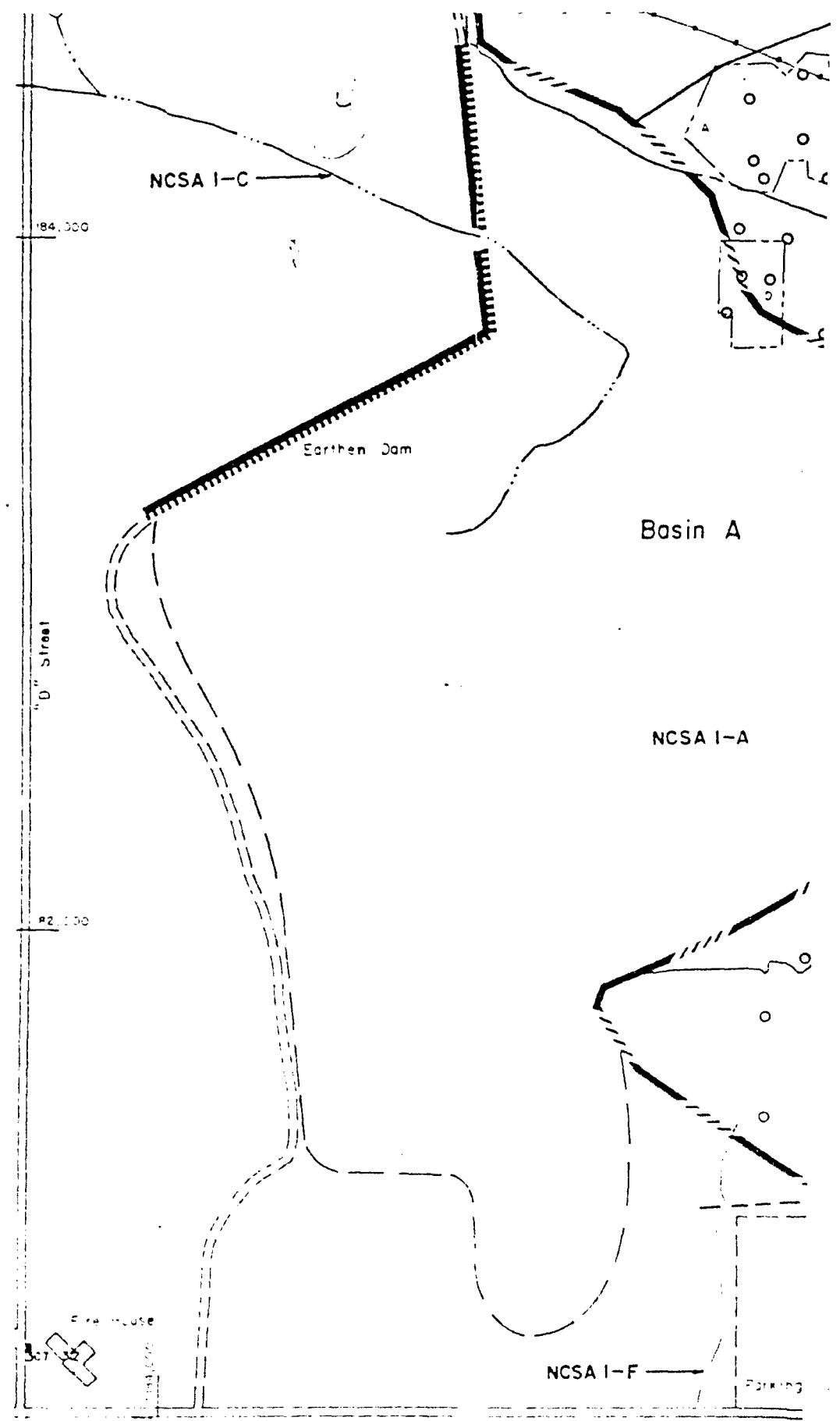
Legend

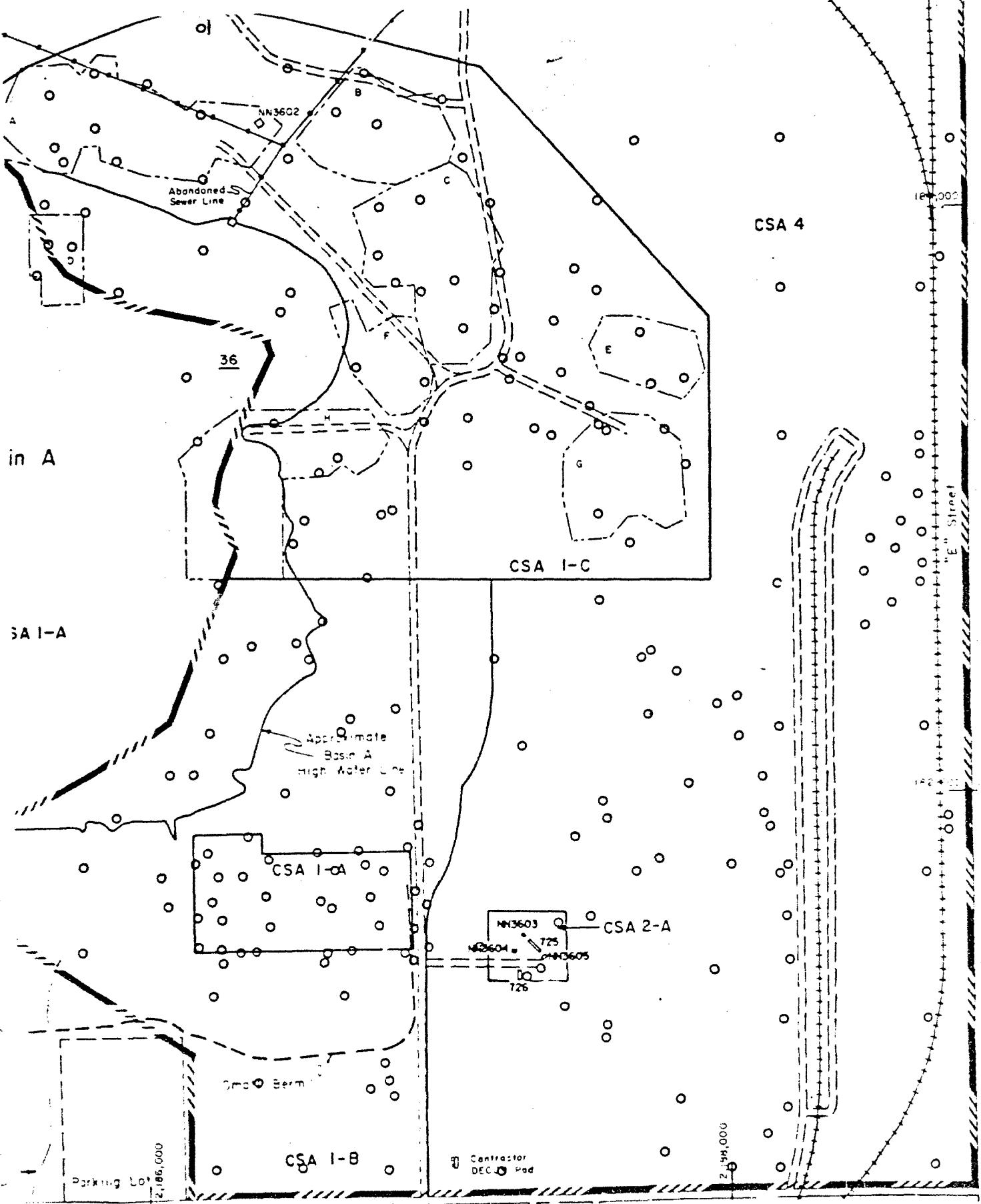
- 3
- |                                          |                               |
|------------------------------------------|-------------------------------|
| <u>—</u> Improved road                   | <u>—</u> Unimproved road      |
| <u>- - -</u> Stream or ditch             | <u>○</u> Shore line           |
|                                          | <u>9</u> Section number       |
| <u>186,000</u> State plane grid          | <u>□</u> Structure            |
| <u>→</u> Railroad tracks                 | <u>[ ]</u> Former structure   |
| <u>- - -</u> Central Study Area boundary | <u>- - -</u> Arsenal boundary |
| <u>CSA 1-C</u> Site boundary             | <u>-----</u> Sanitary sewer   |
| <u>— B</u> Geophysical anomaly           | <u>— C</u> Chemical sewer     |

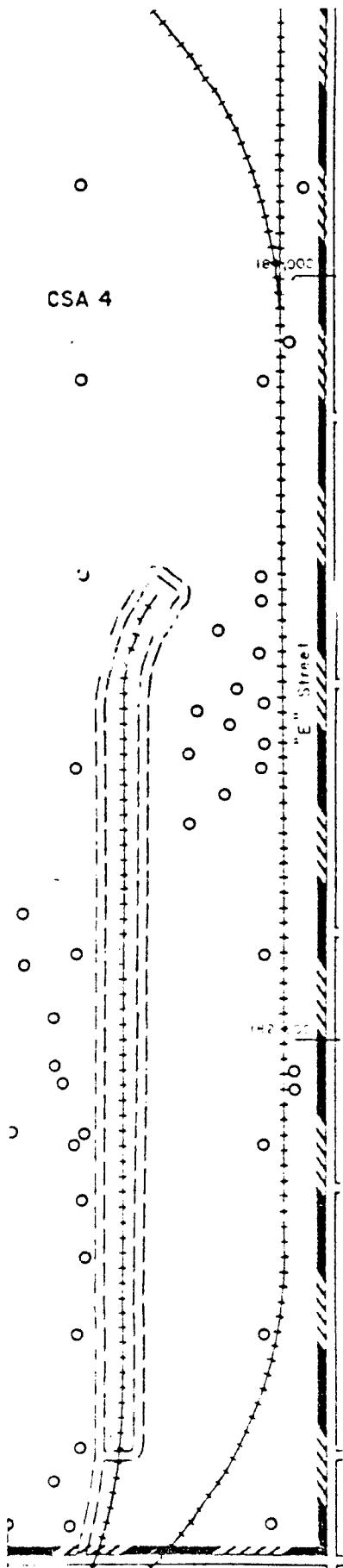


ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



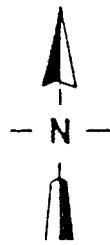




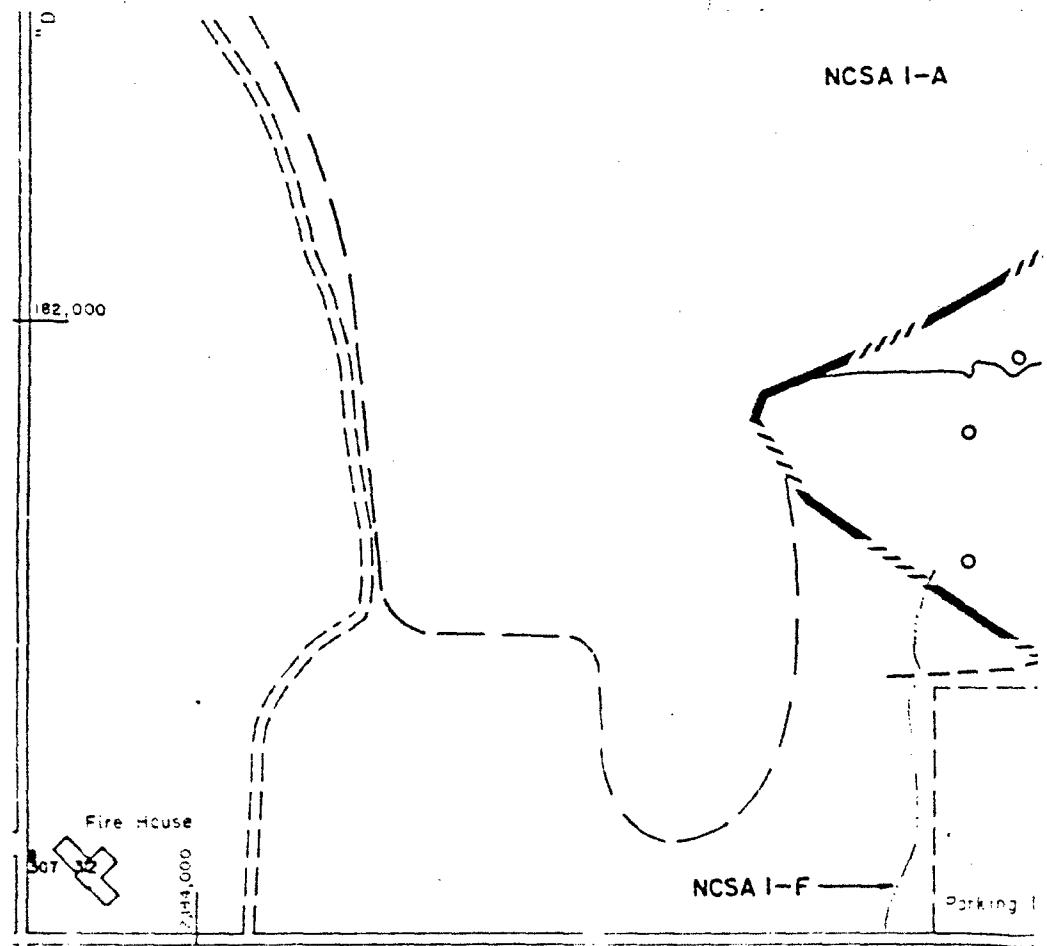
ROCKY MOUNTAIN ARSENAL  
LOCATION

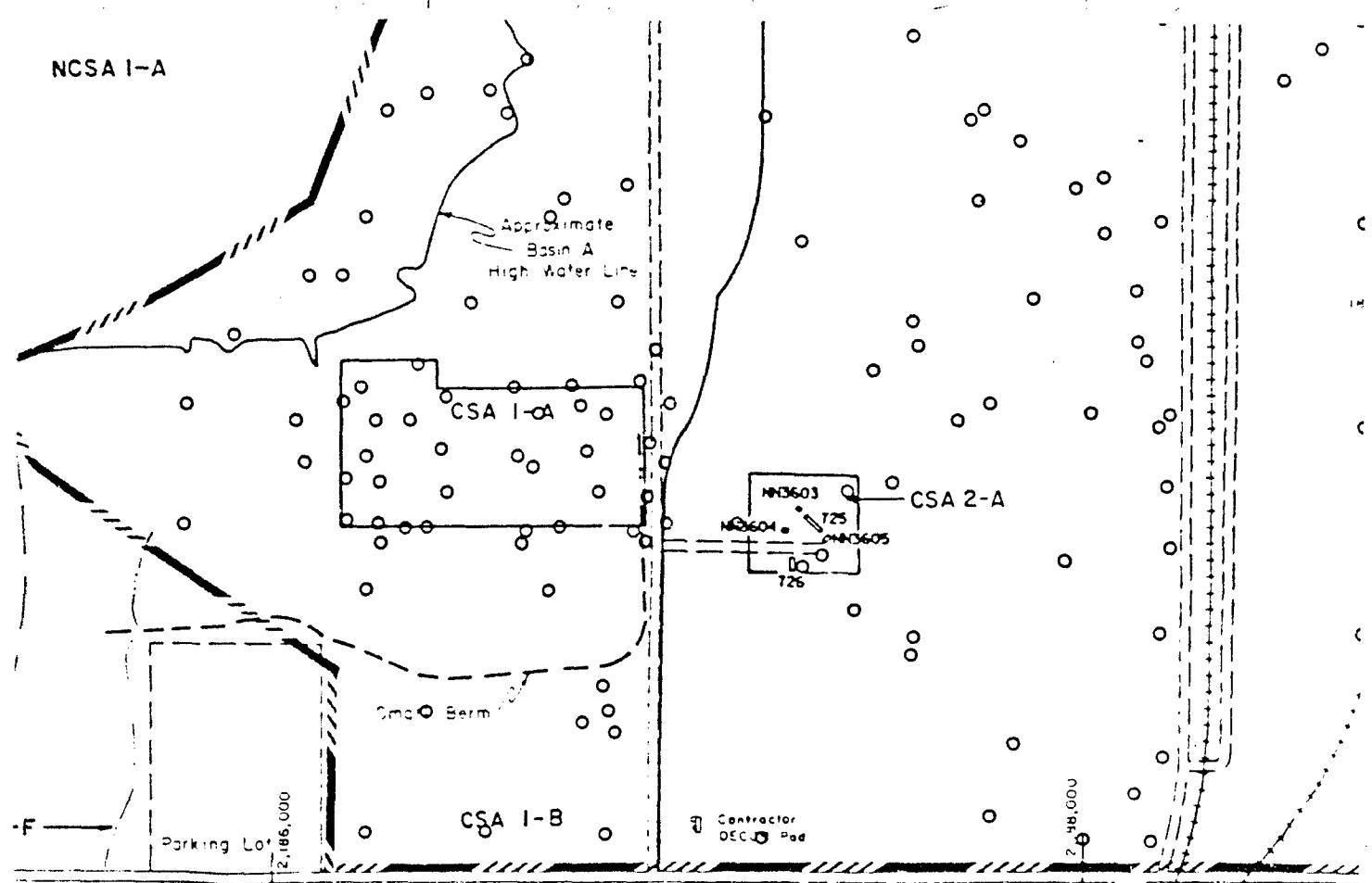
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 25 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 3  | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 3  |    | 1  | 2  | 8  |

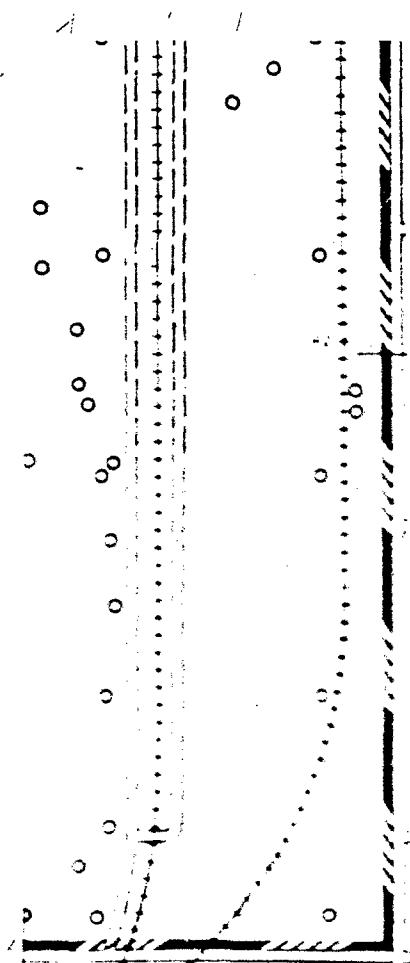
1" = 4 MILES



NCSA I-A



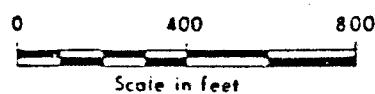




ROCKY MOUNTAIN ARSENAL  
LOCATION

|  |    |    |    |    |
|--|----|----|----|----|
|  | 23 | 24 | 19 | 20 |
|  | 27 | 25 | 30 | 29 |
|  | 31 | 34 | 35 | 33 |
|  | 4  | 5  | 2  | 1  |
|  | 7  | 8  | 9  | 6  |

1" = 4 MILES



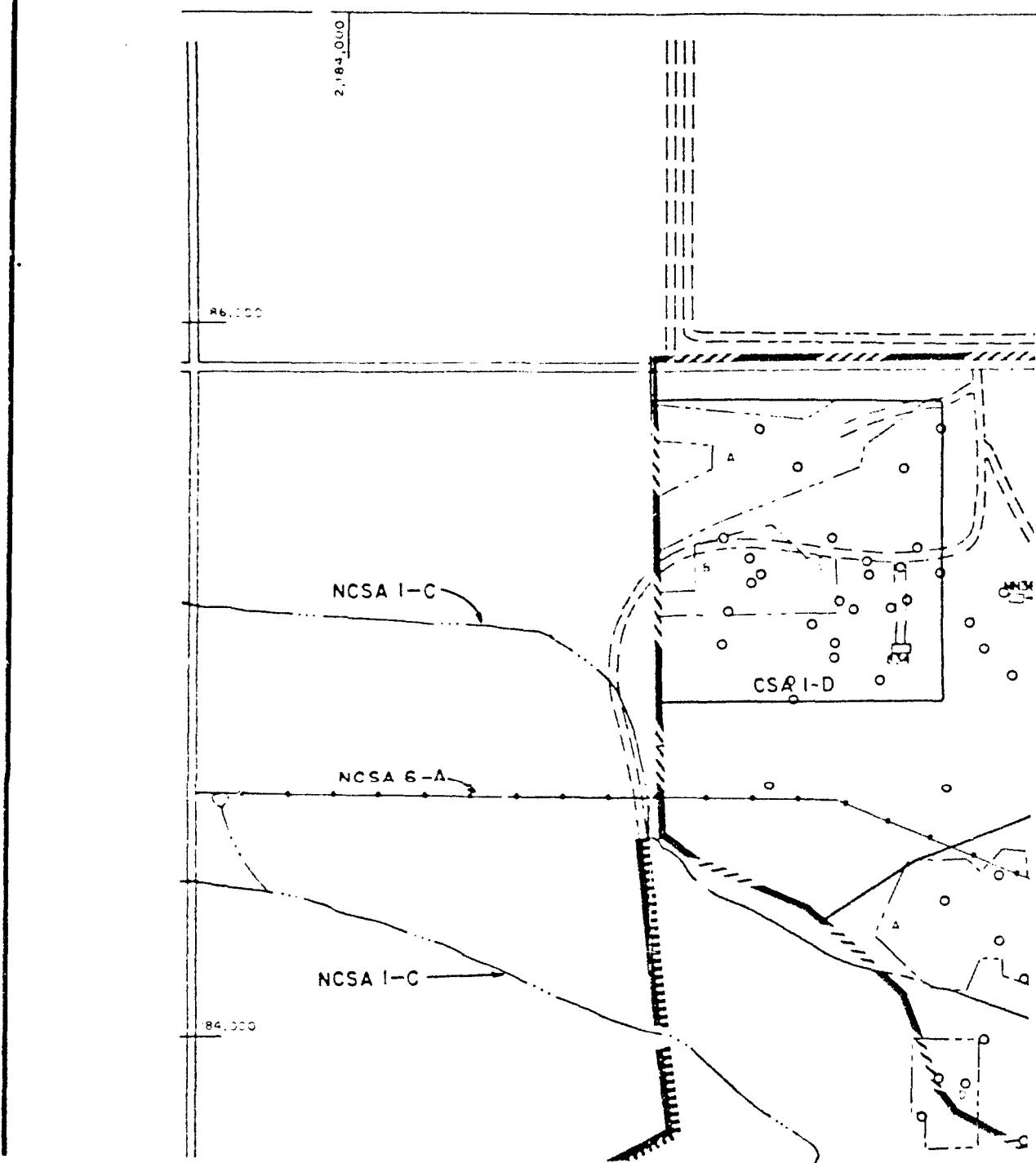
Prepared for:

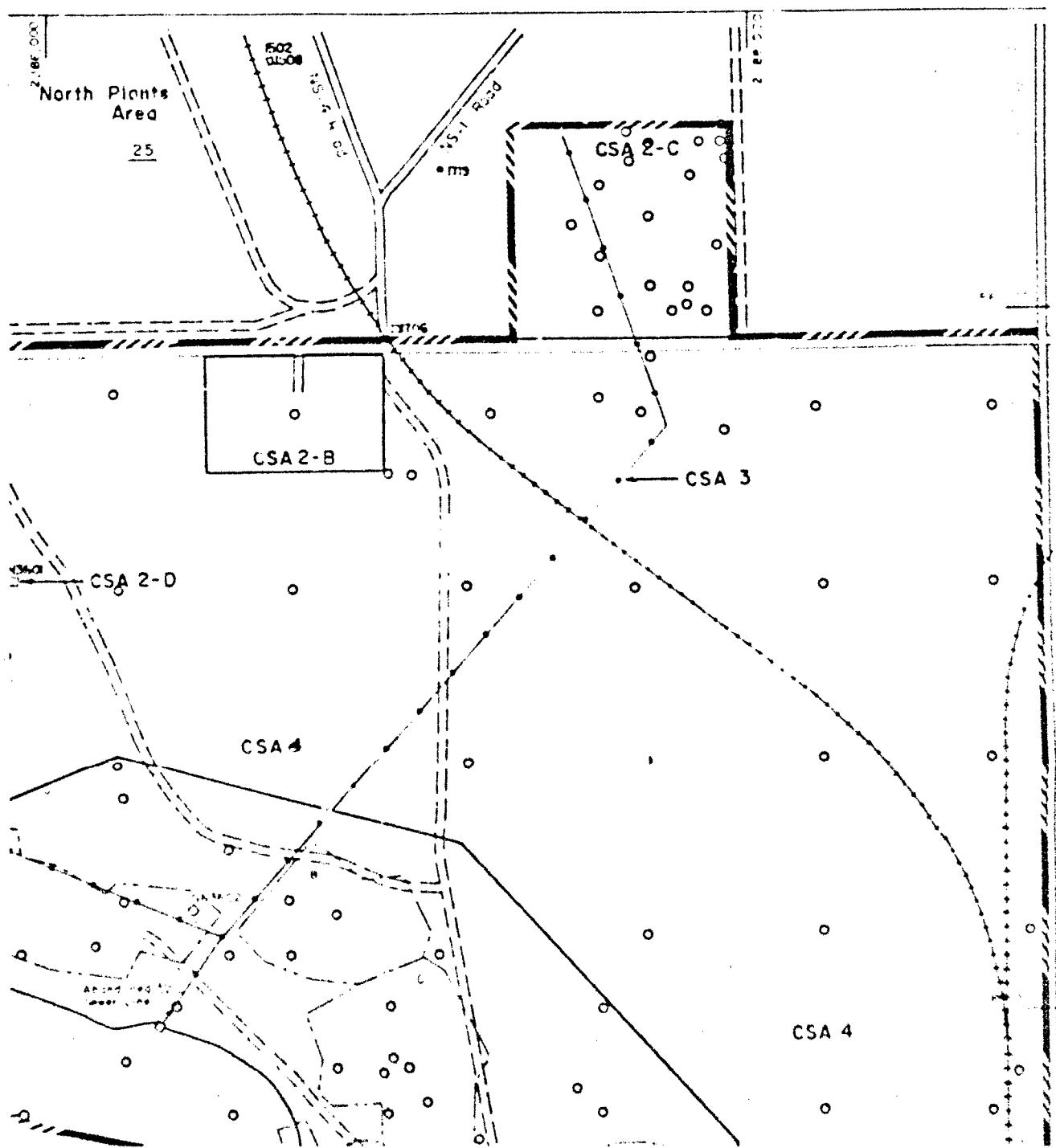
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-10

Volatile Hydrocarbons in Soils  
in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



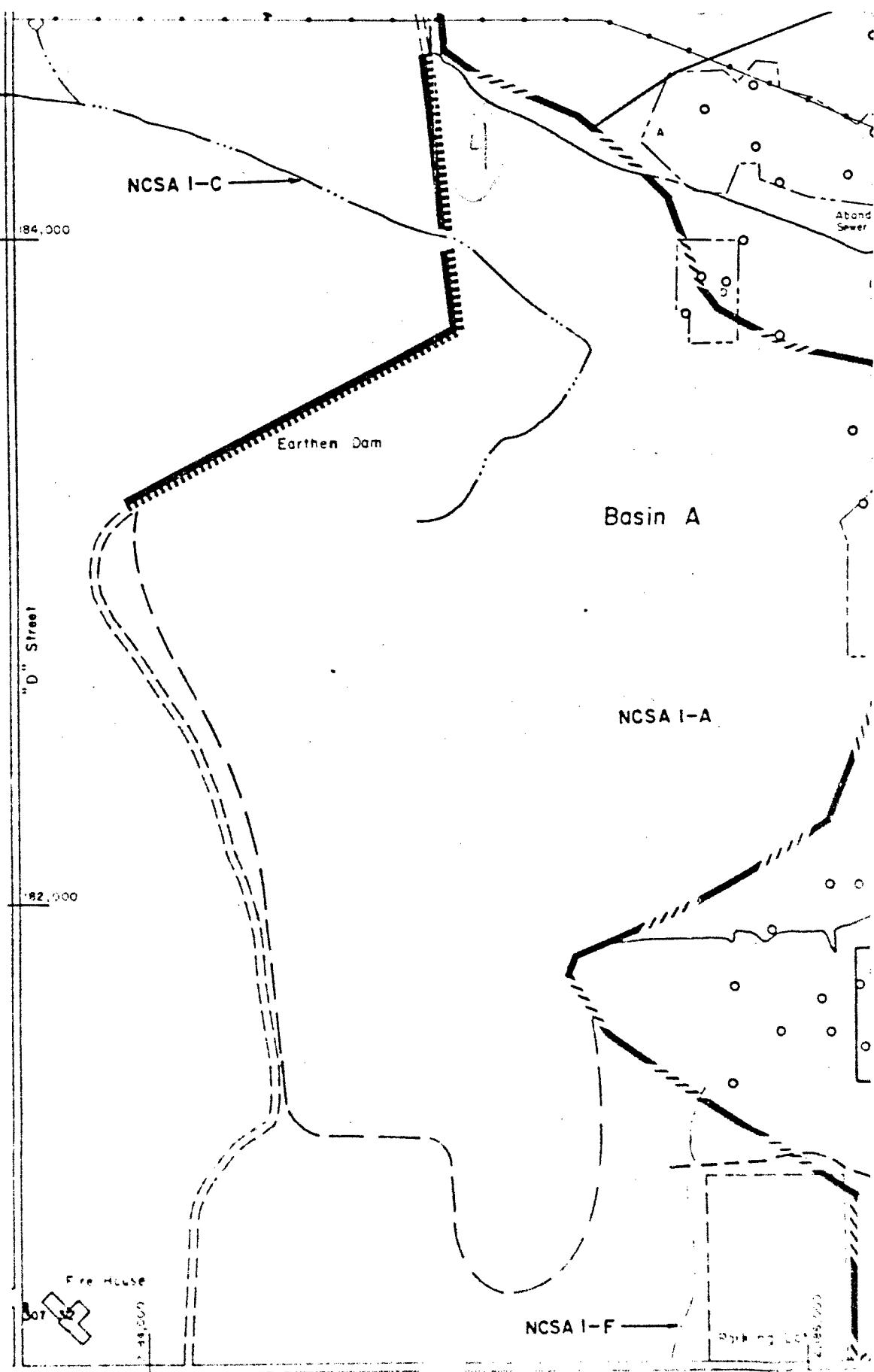


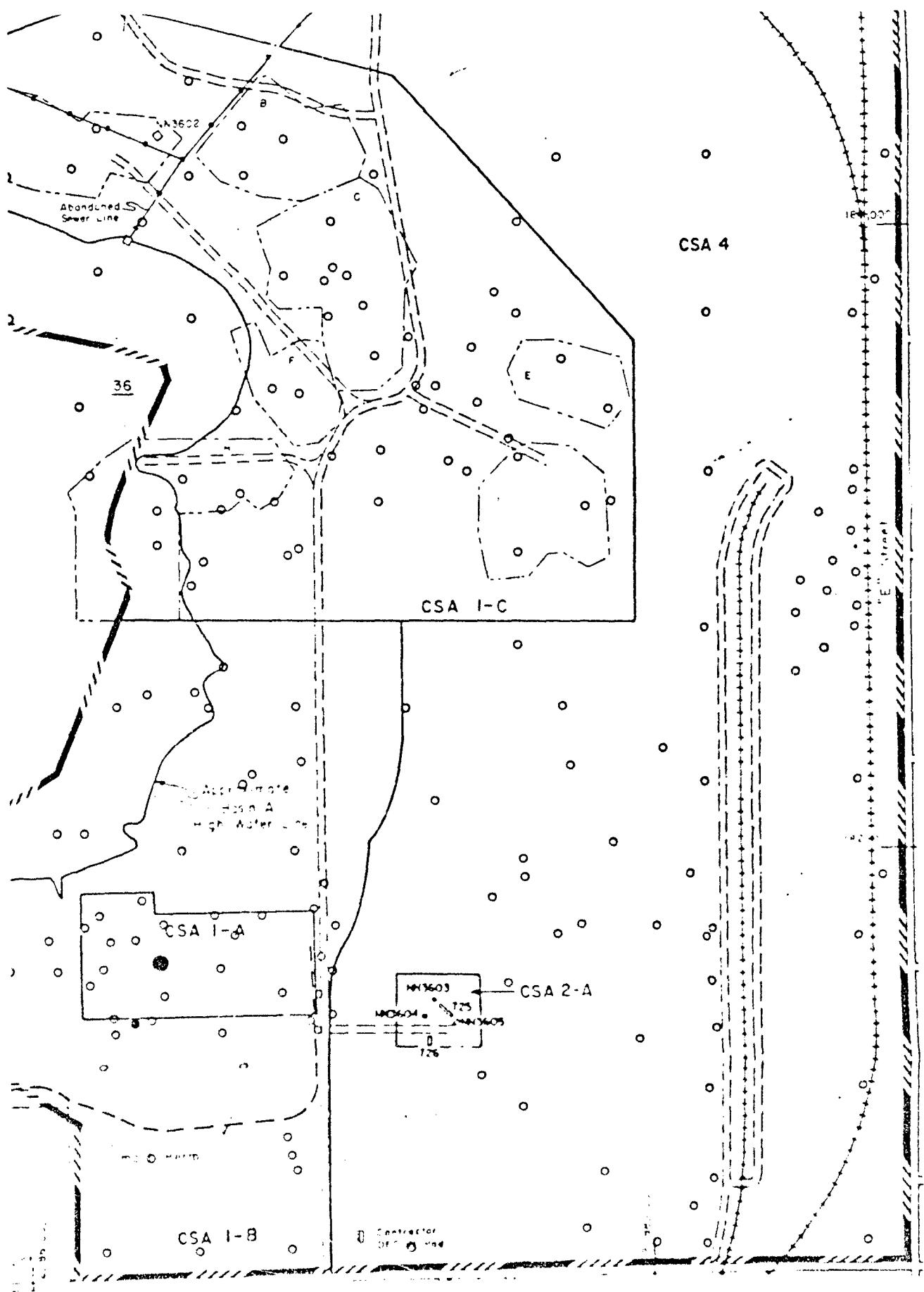
Legend

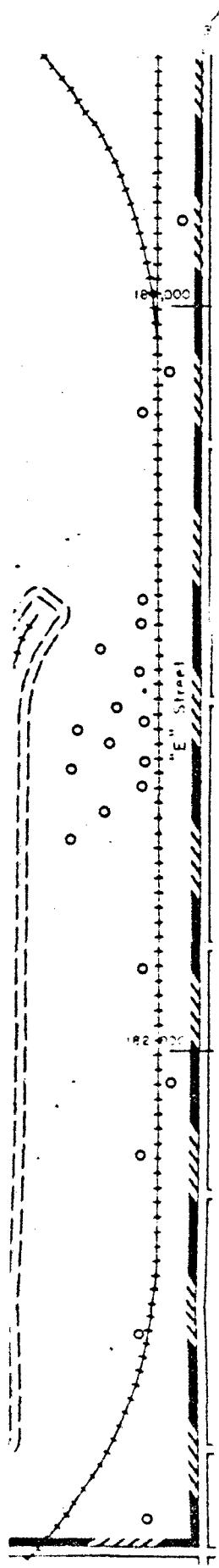
|                                 |                         |
|---------------------------------|-------------------------|
| — Improved road                 | — Unimproved road       |
| ~...~ Stream or ditch           | ○ Shore line            |
| <u>186,000</u> State plane grid | <u>9</u> Section number |
| ←→ Railroad tracks              | [ ] Structure           |
| --- Central Study Area boundary | [---] Former structure  |
| <u>CSA 1-C</u> Site boundary    | — Arsenal boundary      |
| --- Geophysical anomaly         | ---- Sanitary sewer     |
|                                 | — Chemical sewer        |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



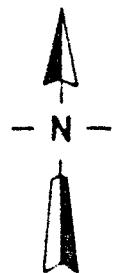


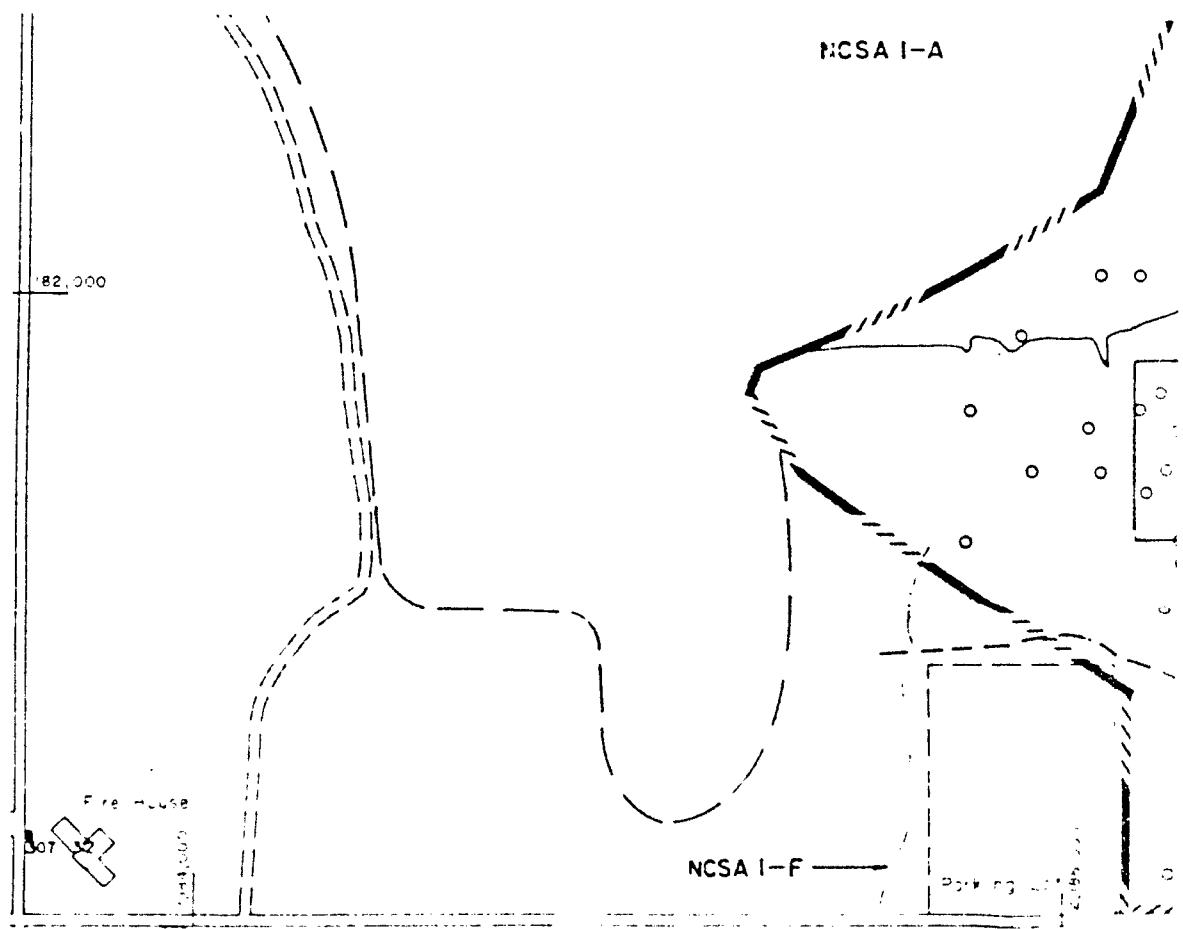


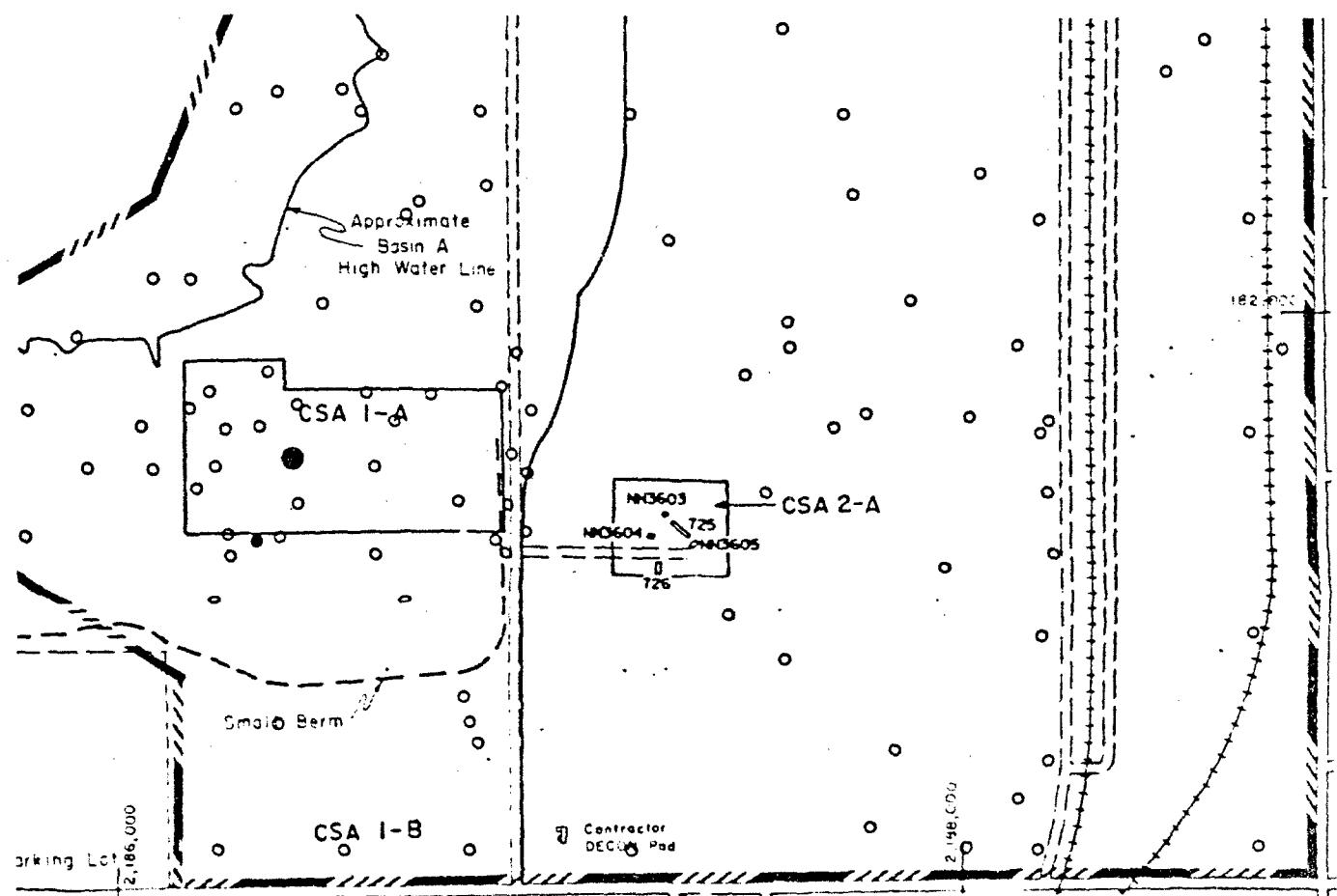
ROCKY MOUNTAIN ARSENAL  
LOCATION

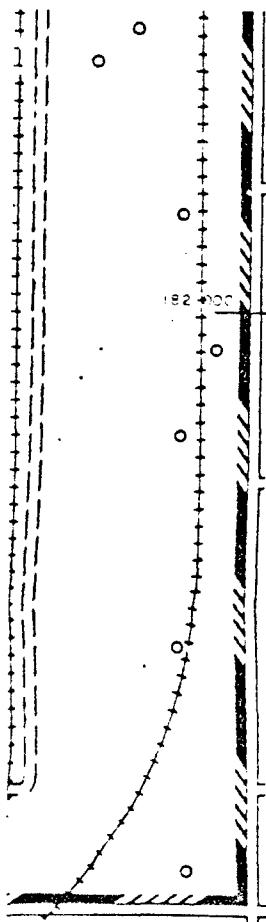
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 25 | 30 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 1  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES





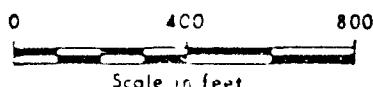
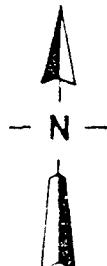




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



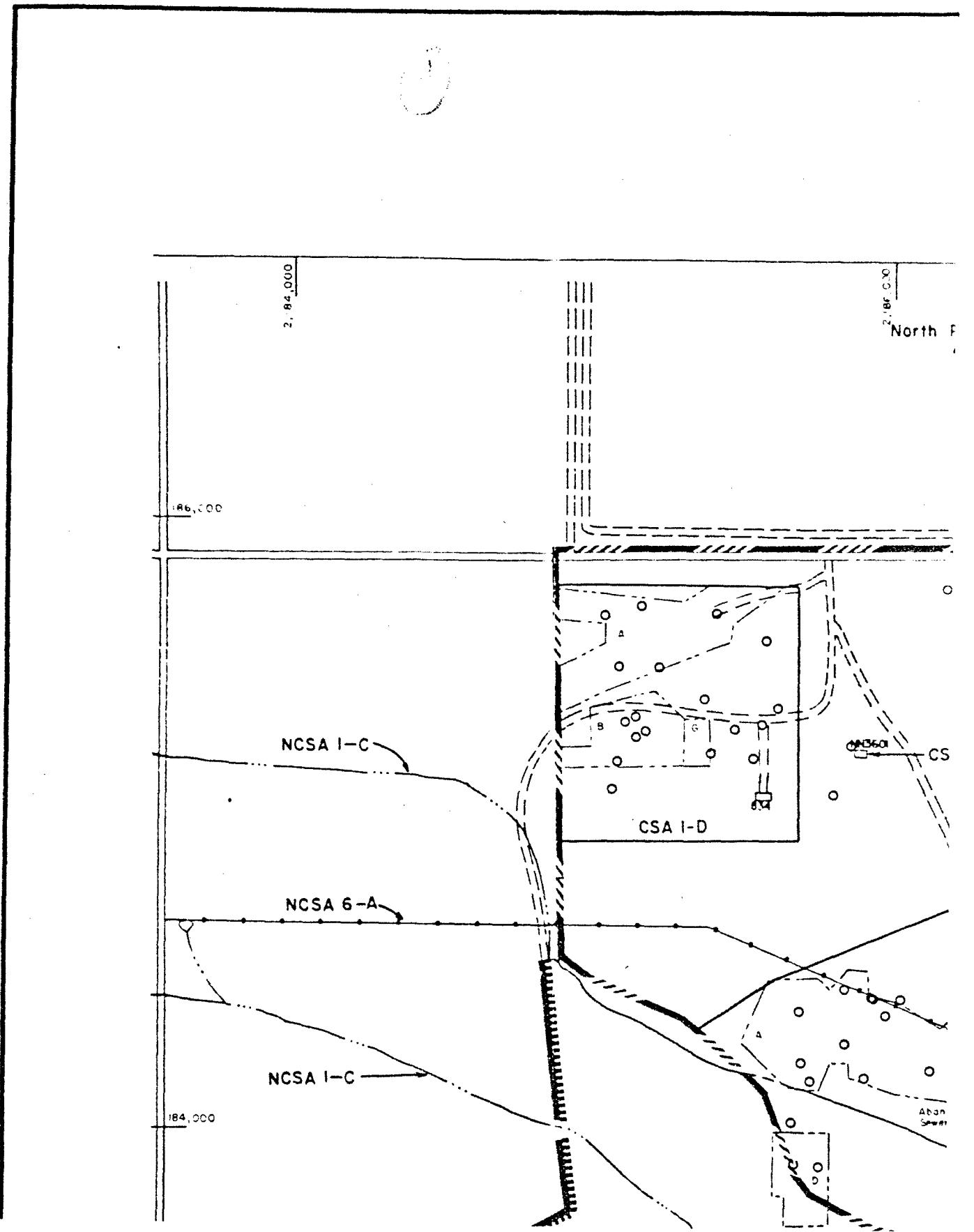
Prepared for:

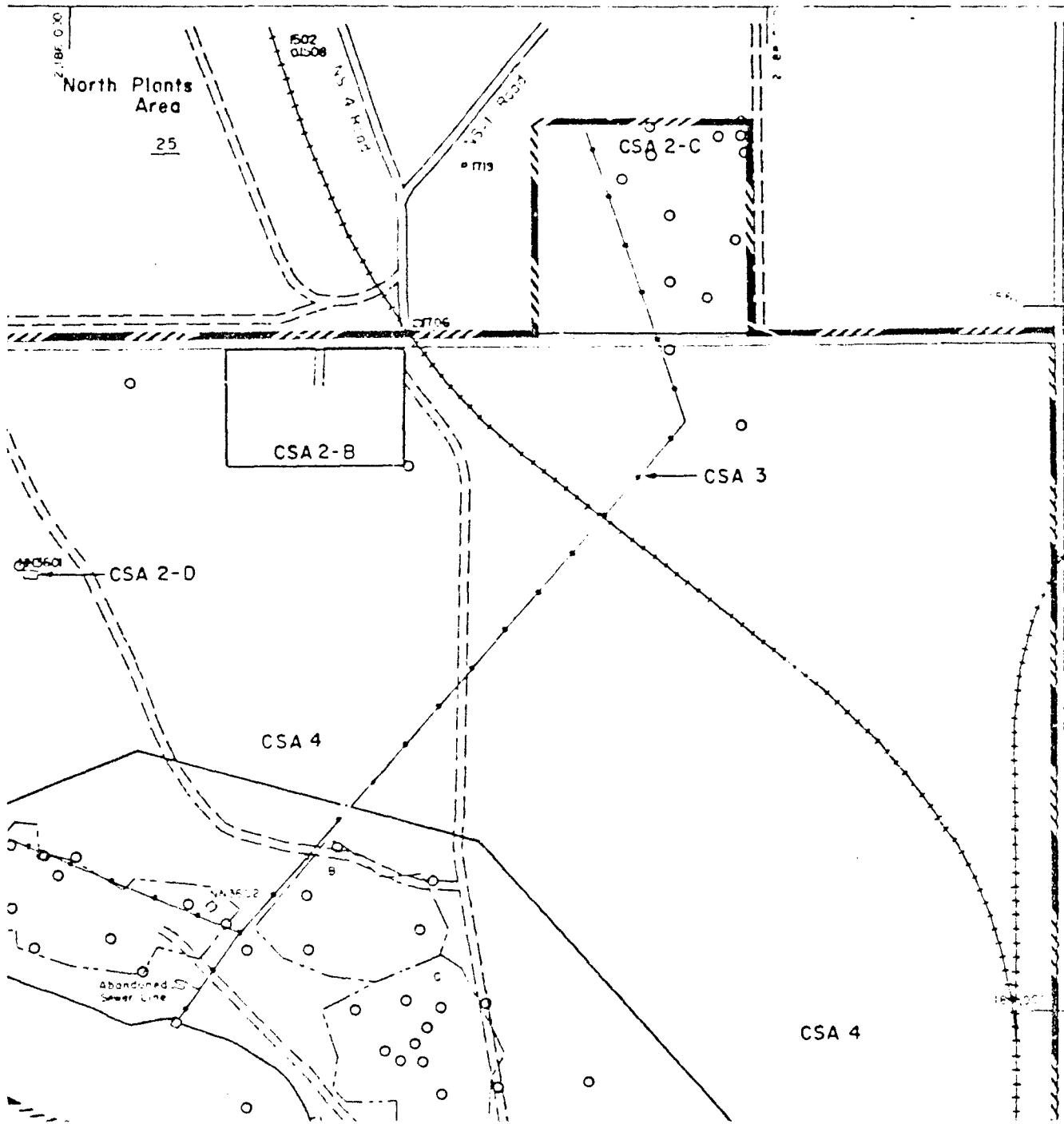
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-11

Volatile Hydrocarbons in Soils  
in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



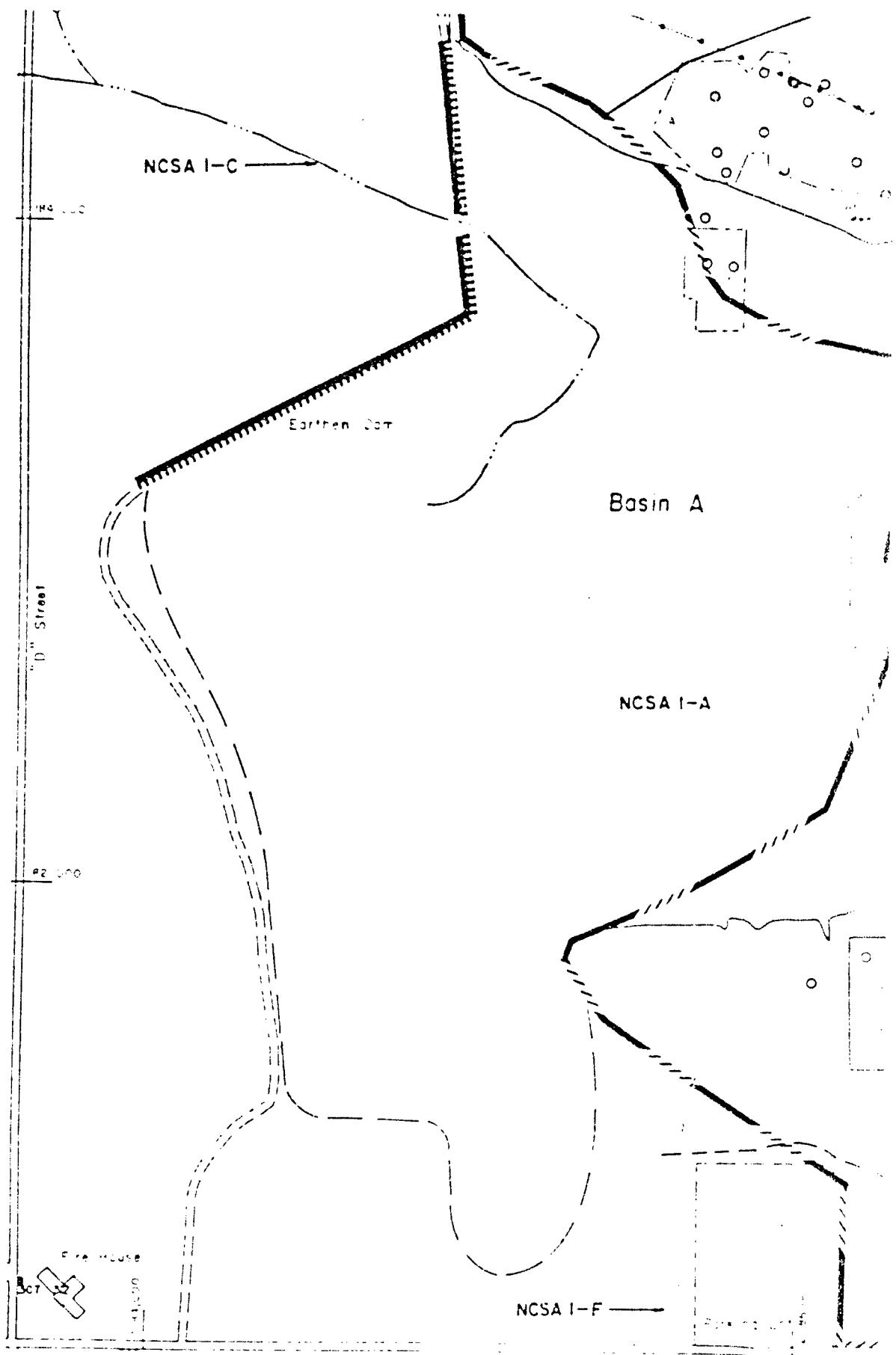


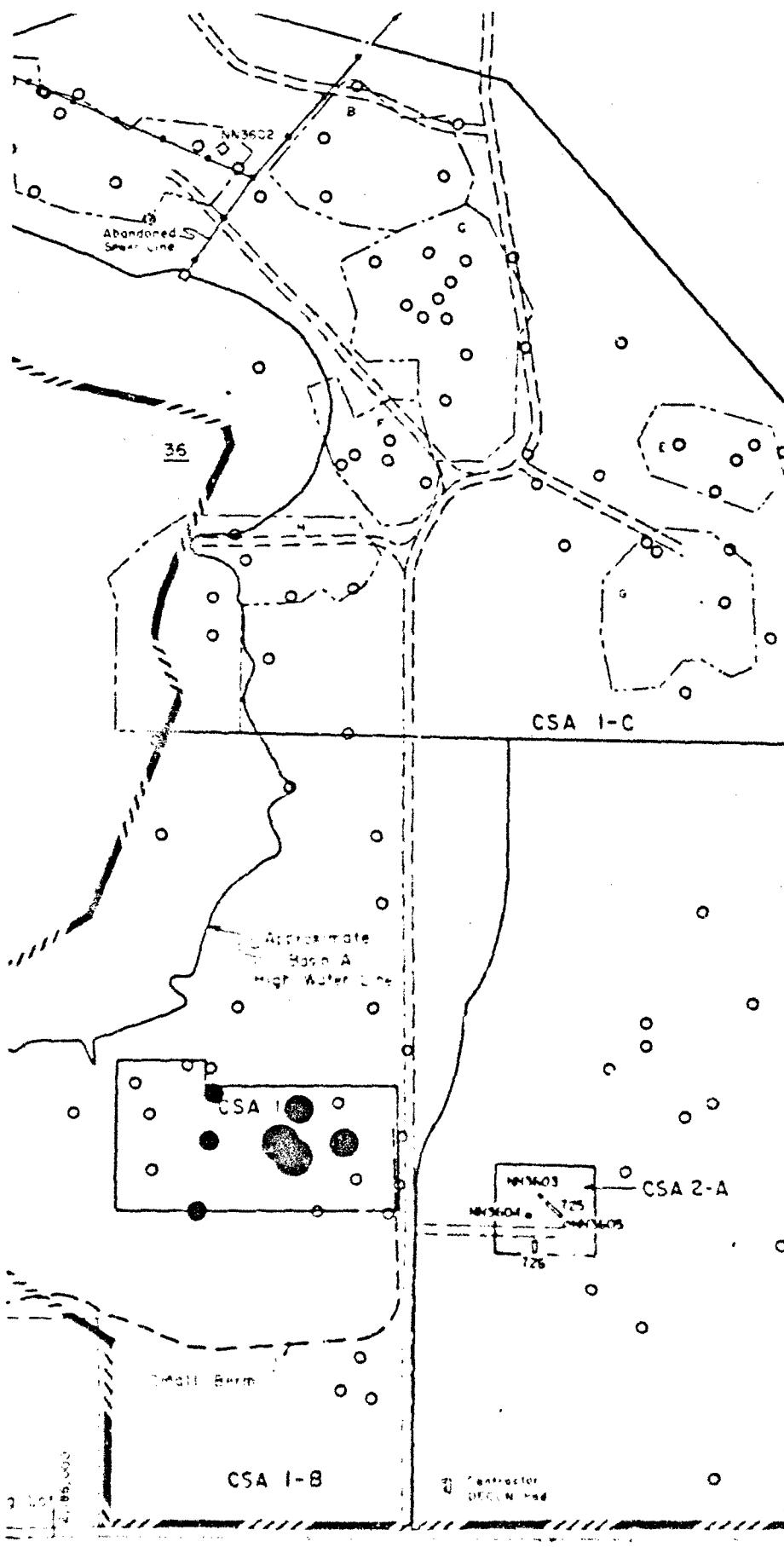
Legend

|                |                             |              |                  |
|----------------|-----------------------------|--------------|------------------|
| <u>=====</u>   | Improved road               | <u>====</u>  | Unimproved road  |
| <u>~~~~~</u>   | Stream or ditch             | <u>○</u>     | Shore line       |
| <u>186,000</u> | State plane grid            | <u>9</u>     | Section number   |
| <u>→←</u>      | Railroad tracks             | <u>□</u>     | Structure        |
| <u>—..</u>     | Central Study Area boundary | <u>□</u>     | Former structure |
| <u>CSA I-C</u> | Site boundary               | <u>—</u>     | Arsenal boundary |
| <u>—B—</u>     | Geophysical anomaly         | <u>-----</u> | Sanitary sewer   |
|                |                             | <u>—●—</u>   | Chemical sewer   |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100

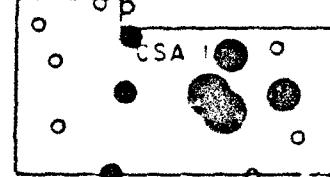




CSA 4

CSA 1-C

Approximate  
Basin A  
High Water Line



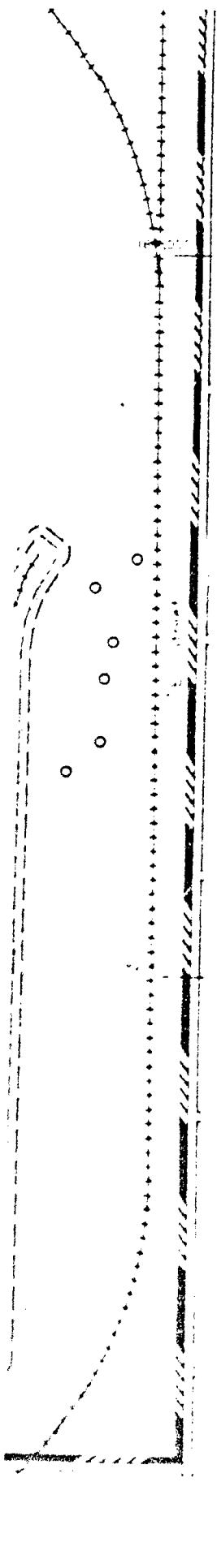
725

MM3603  
725  
726

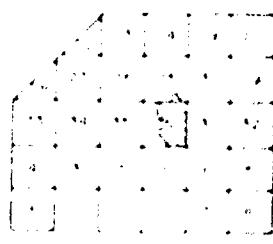
727

CSA 1-B

Contractor  
DREDGE PAD

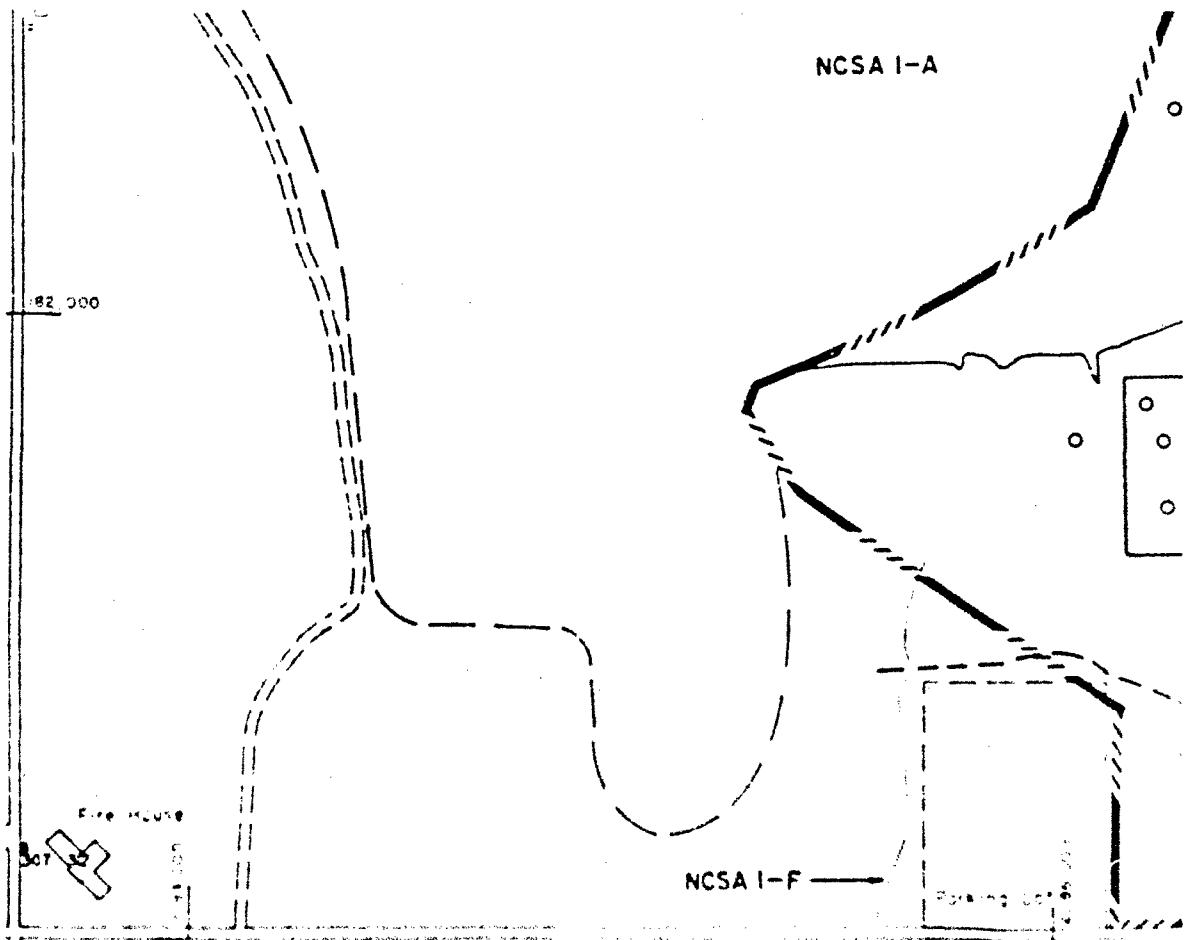


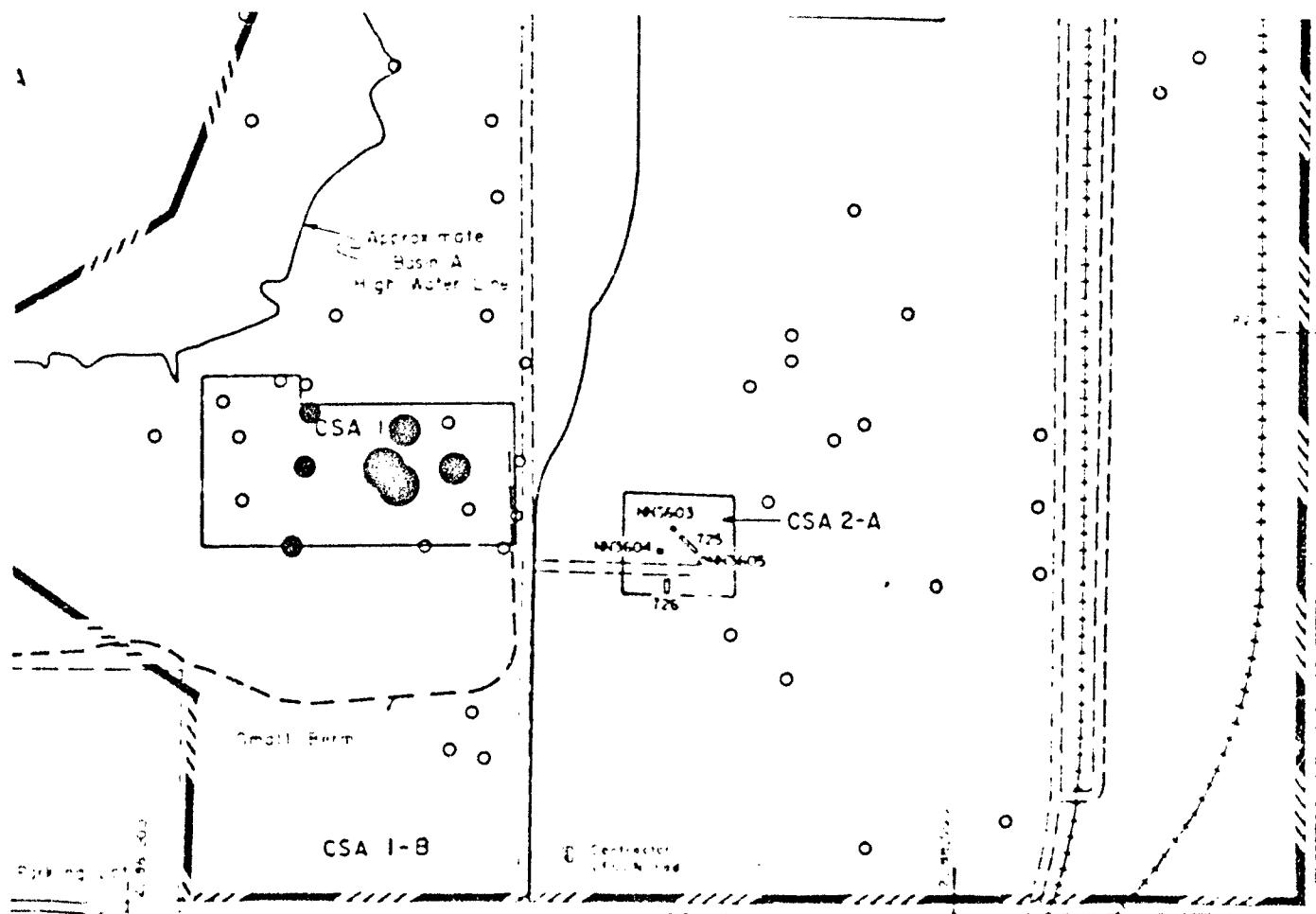
REEDY MOUNTAIN ARMENIAN

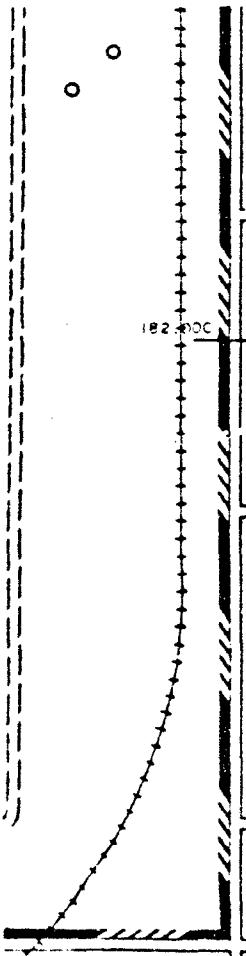


13415





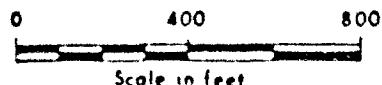
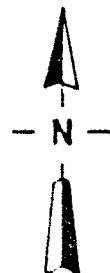




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 12 | 7  | 8  |

1" = 4 MILES



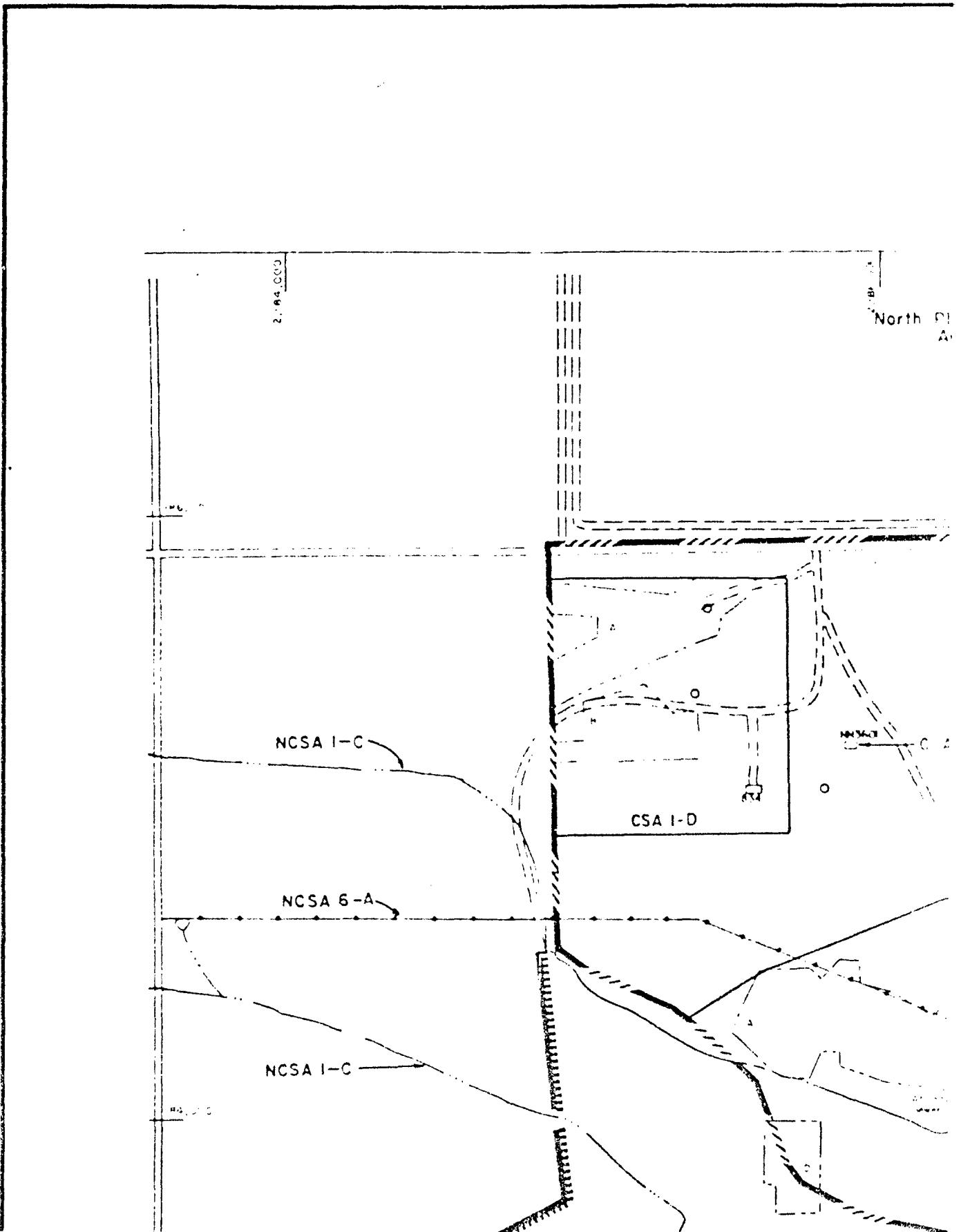
Prepared for:

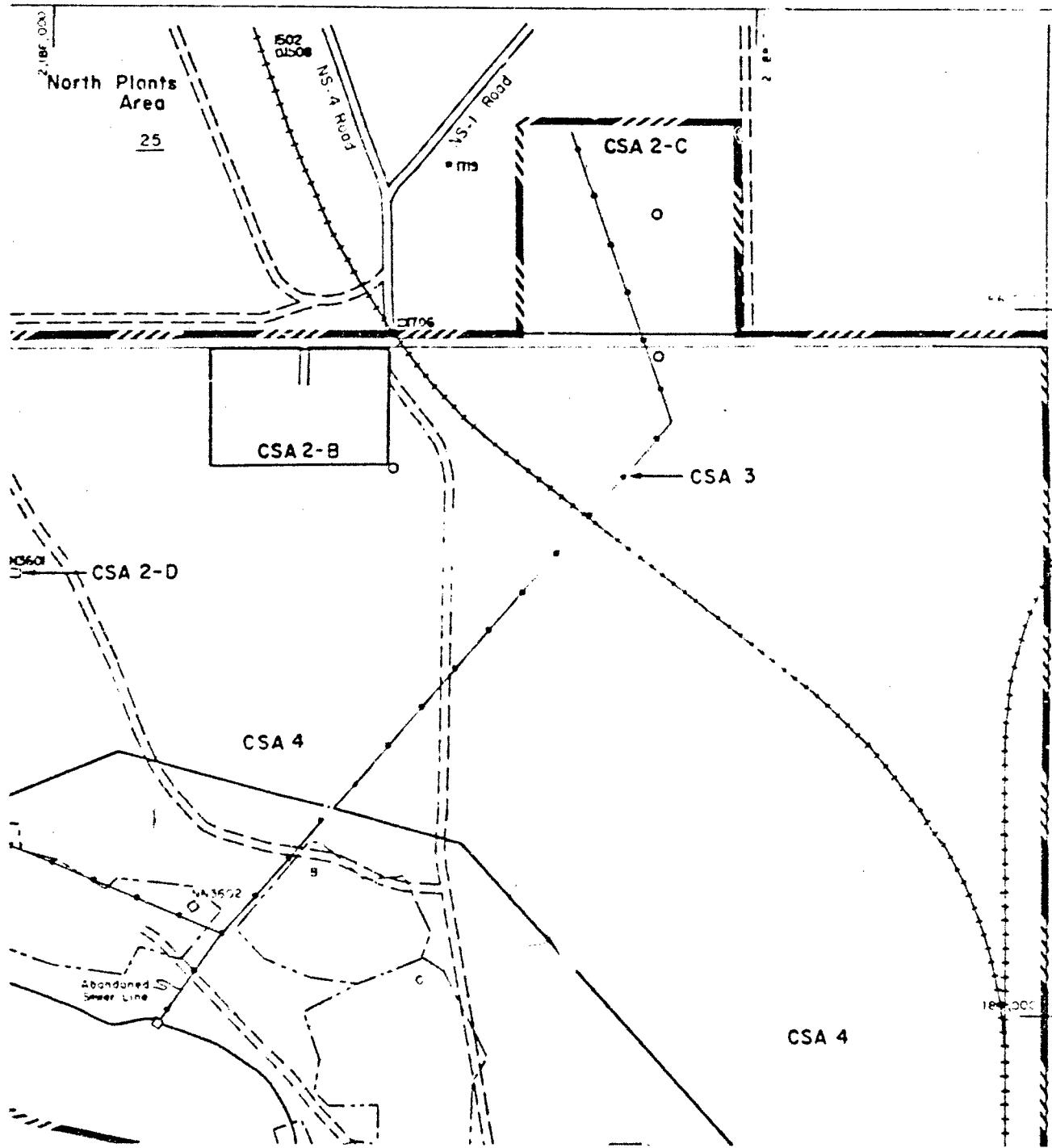
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-12

Volatile Hydrocarbons in Soils  
in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



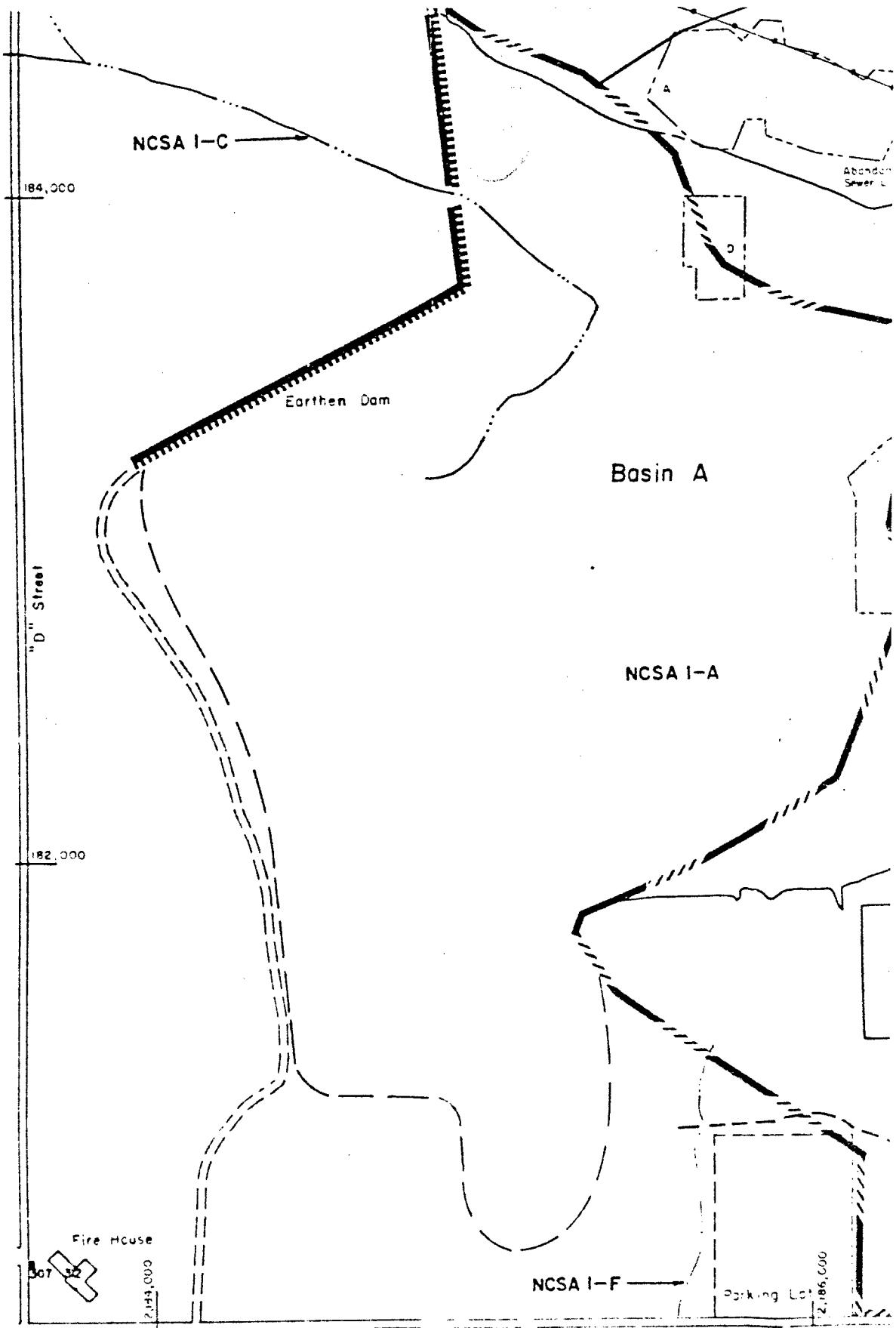


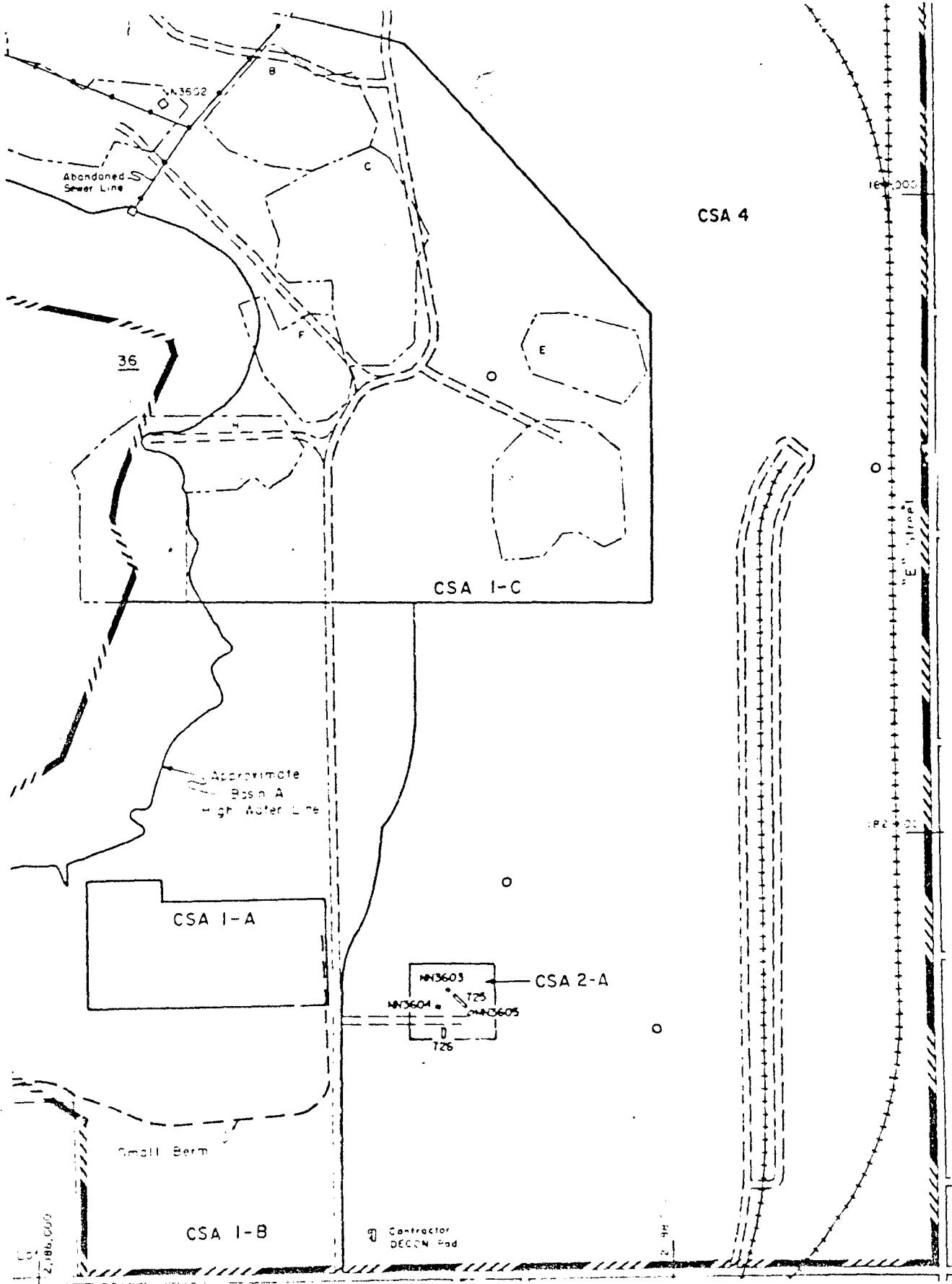
Legend

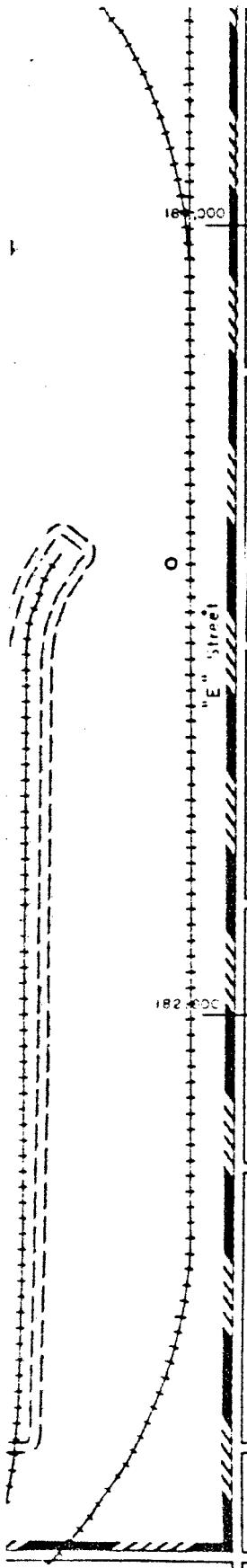
|                                 |                         |
|---------------------------------|-------------------------|
| — Improved road                 | — Unimproved road       |
| ~~~~ Stream or ditch            | ○ Shore line            |
| <u>186,000</u> State plane grid | <u>9</u> Section number |
| → Railroad tracks               | □ Structure             |
| — Central Study Area boundary   | [ ] Former structure    |
| <u>CSA I-C</u> Site boundary    | — Arsenal boundary      |
| — Geophysical anomaly           | ---- Sanitary sewer     |
|                                 | — Chemical sewer        |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



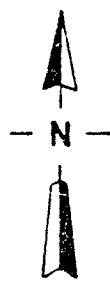




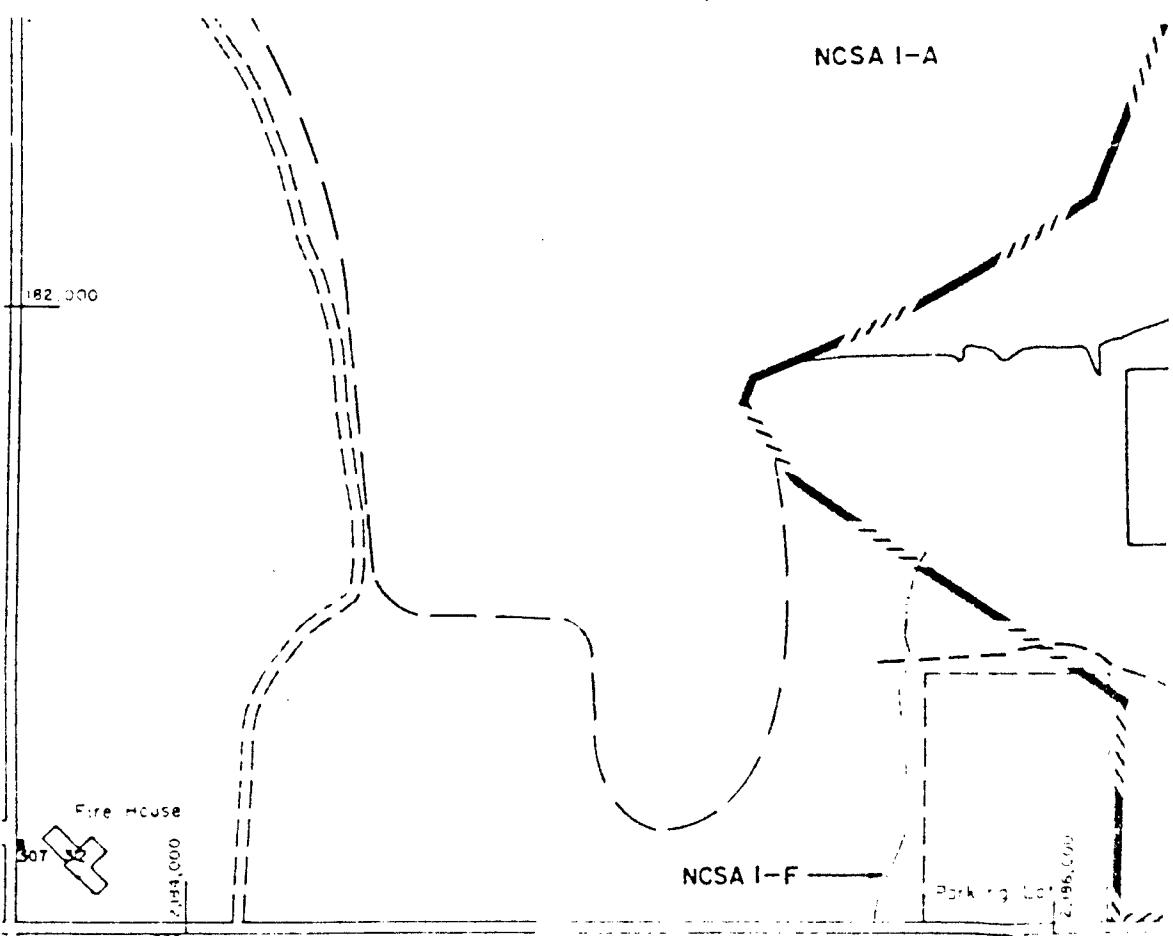
ROCKY MOUNTAIN ARSENAL  
LOCATION

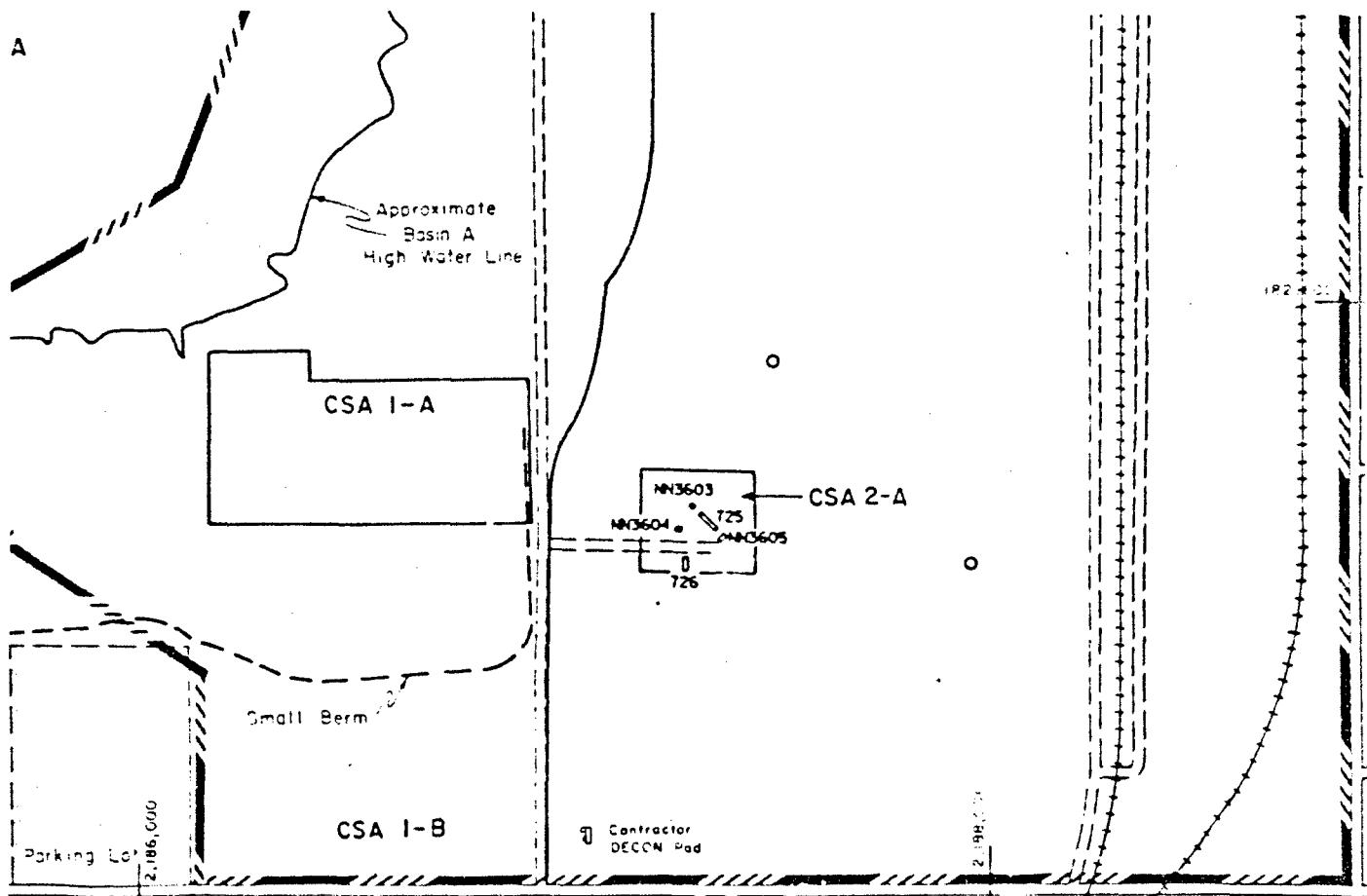
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

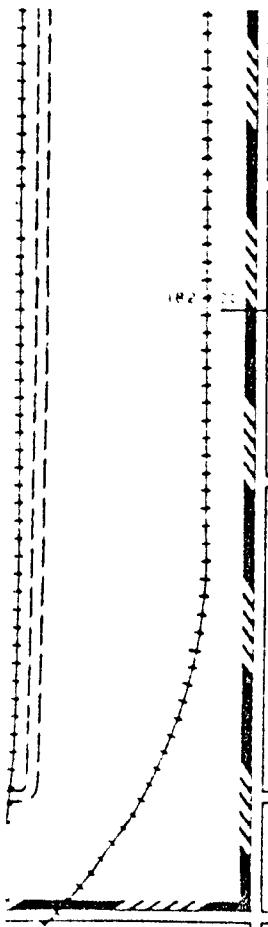
1" = 4 MILES



NCSA I-A



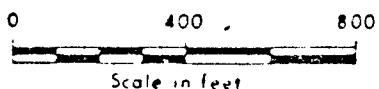
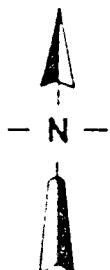




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 25 | 31 |
| 33 | 34 | 35 | 24 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    |    | 2  | 6  |

1" = 4 MILES



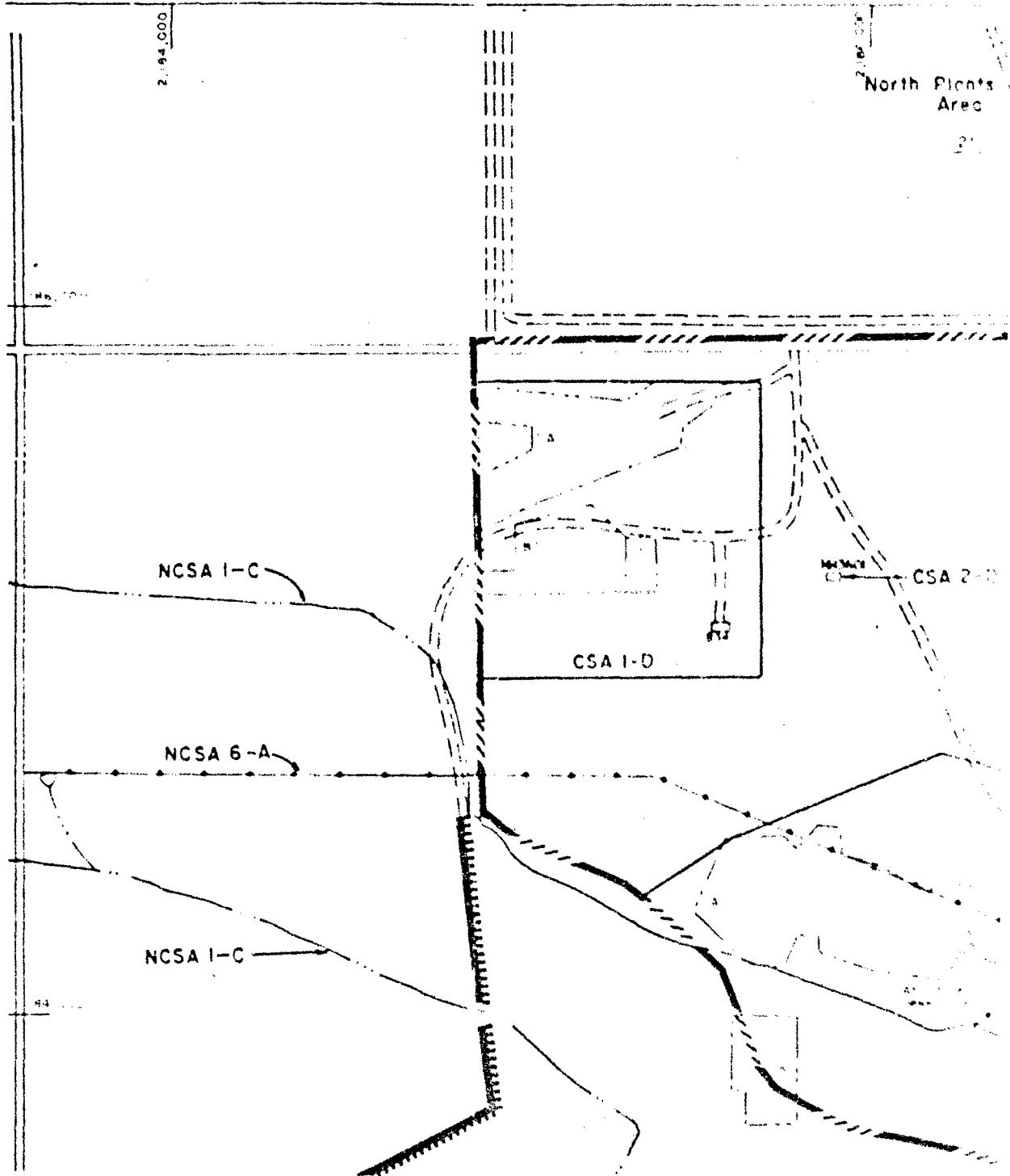
Prepared for:

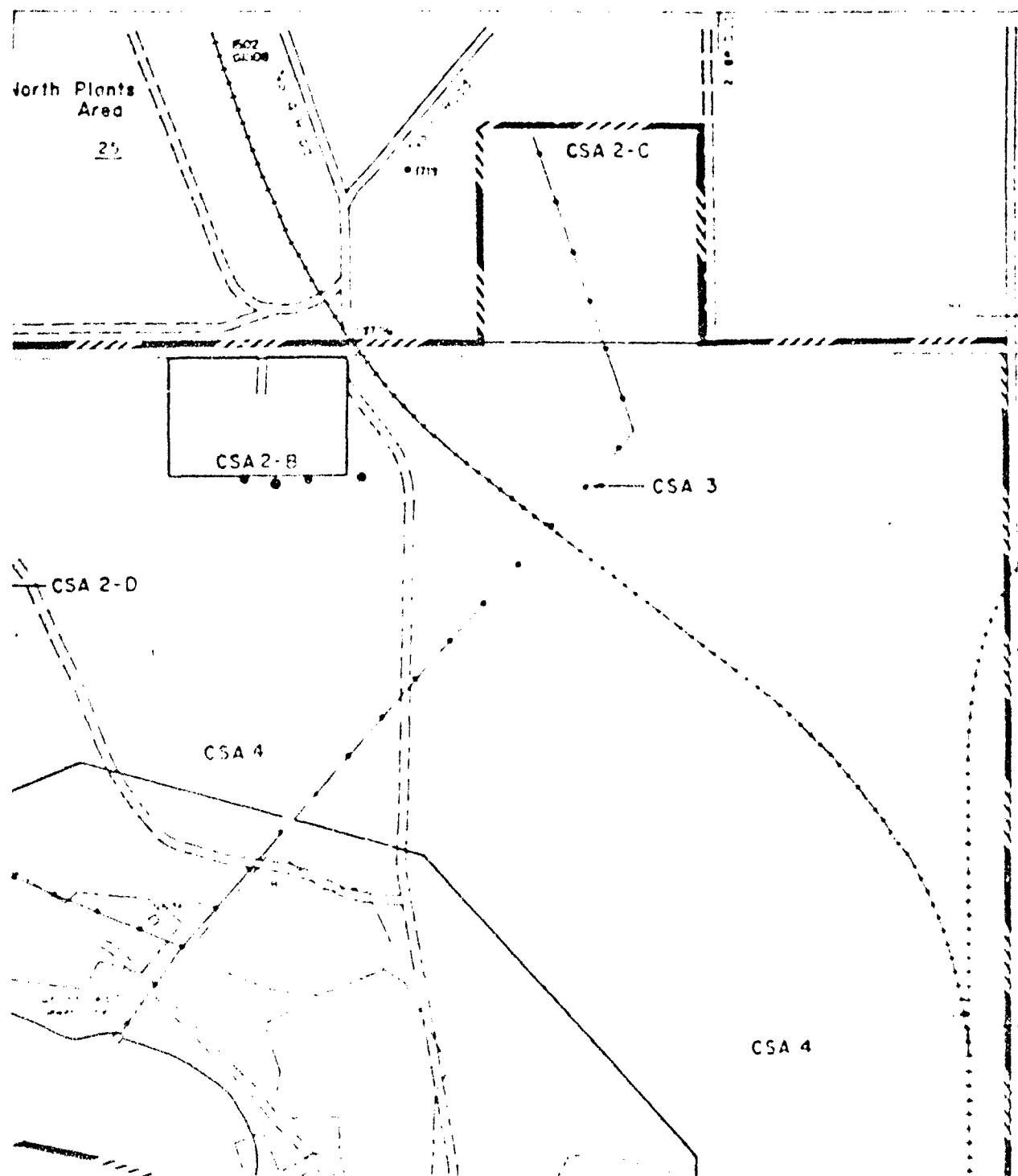
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-13

Volatile Hydrocarbons in Soils  
in the > 20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



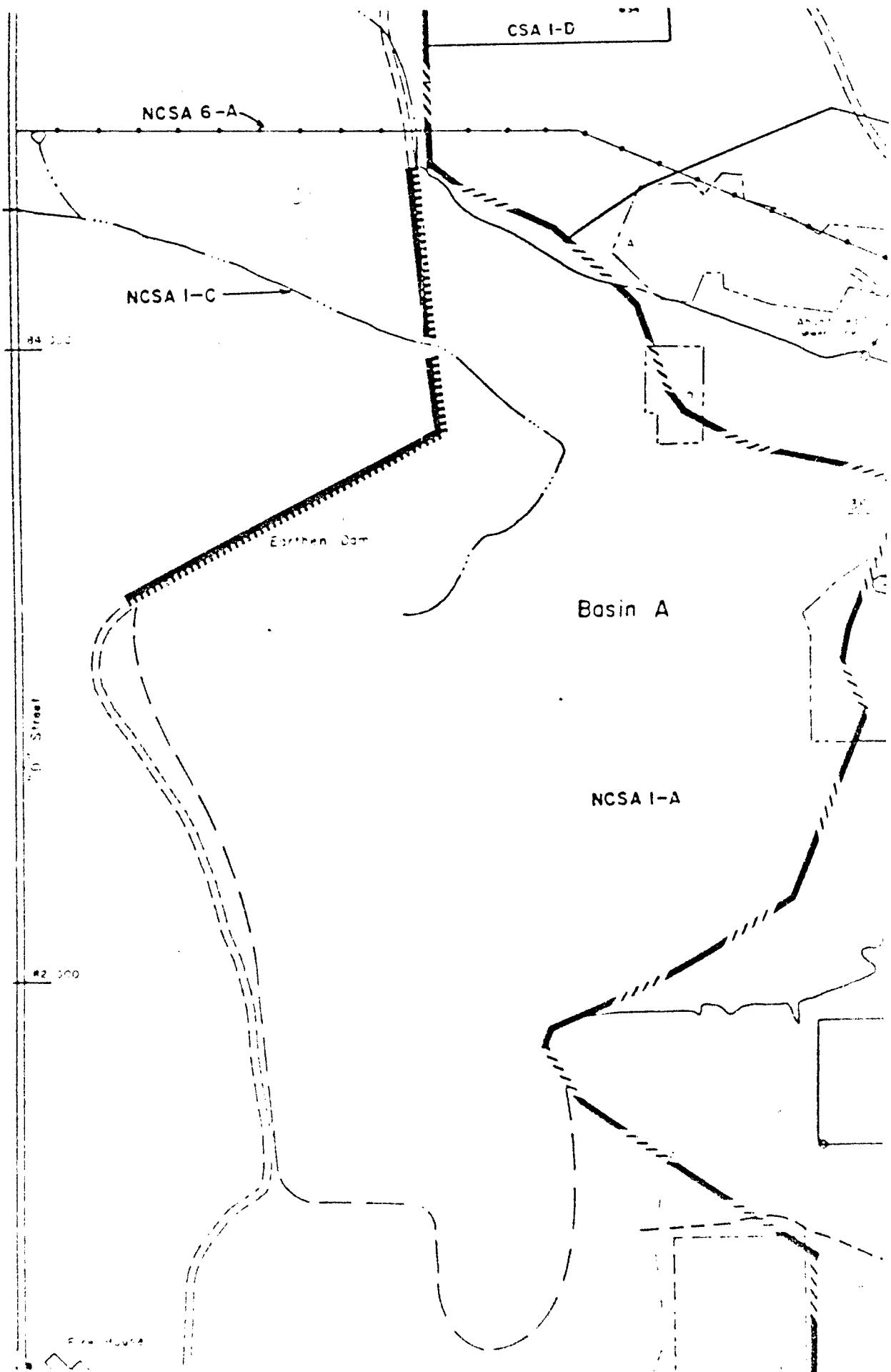


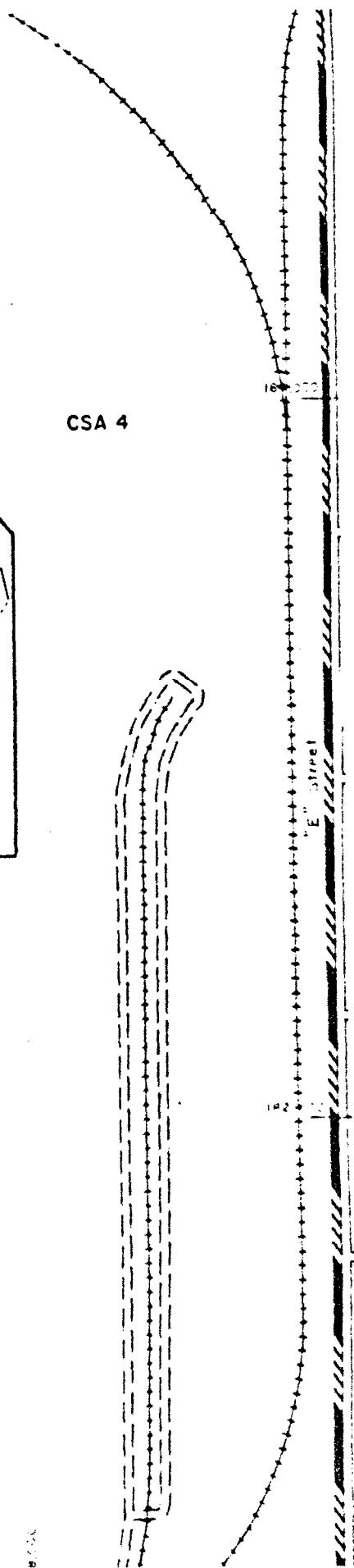
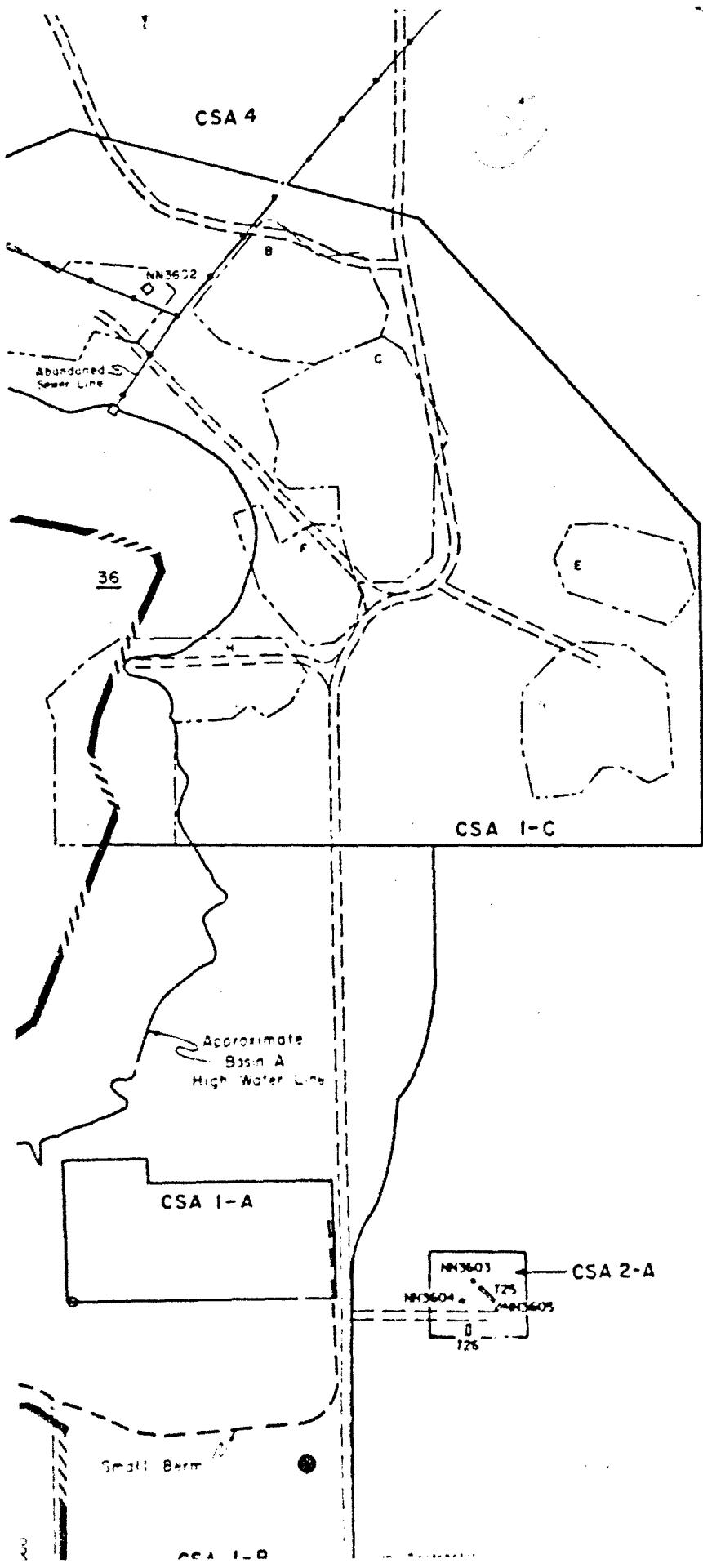
Legend

- |                                      |                             |
|--------------------------------------|-----------------------------|
| <u>—</u> Improved road               | <u>—</u> Unimproved road    |
| <u>~</u> Stream or ditch             | <u>○</u> Shore line         |
| <u>9</u>                             | Section number              |
| <u>:86,000</u> State plane grid      | <u>□</u> Structure          |
| <u>→</u> Railroad tracks             | <u>[ ]</u> Former structure |
| <u>—</u> Central Study Area boundary | <u>—</u> Arsenal boundary   |
| <u>CSA I-C</u> Site boundary         | <u>-----</u> Sanitary sewer |
| <u>—</u> Geophysical anomaly         | <u>—●—</u> Chemical sewer   |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.43 - 1.0
- 1.0 - 10
- 10 - 100
- >100



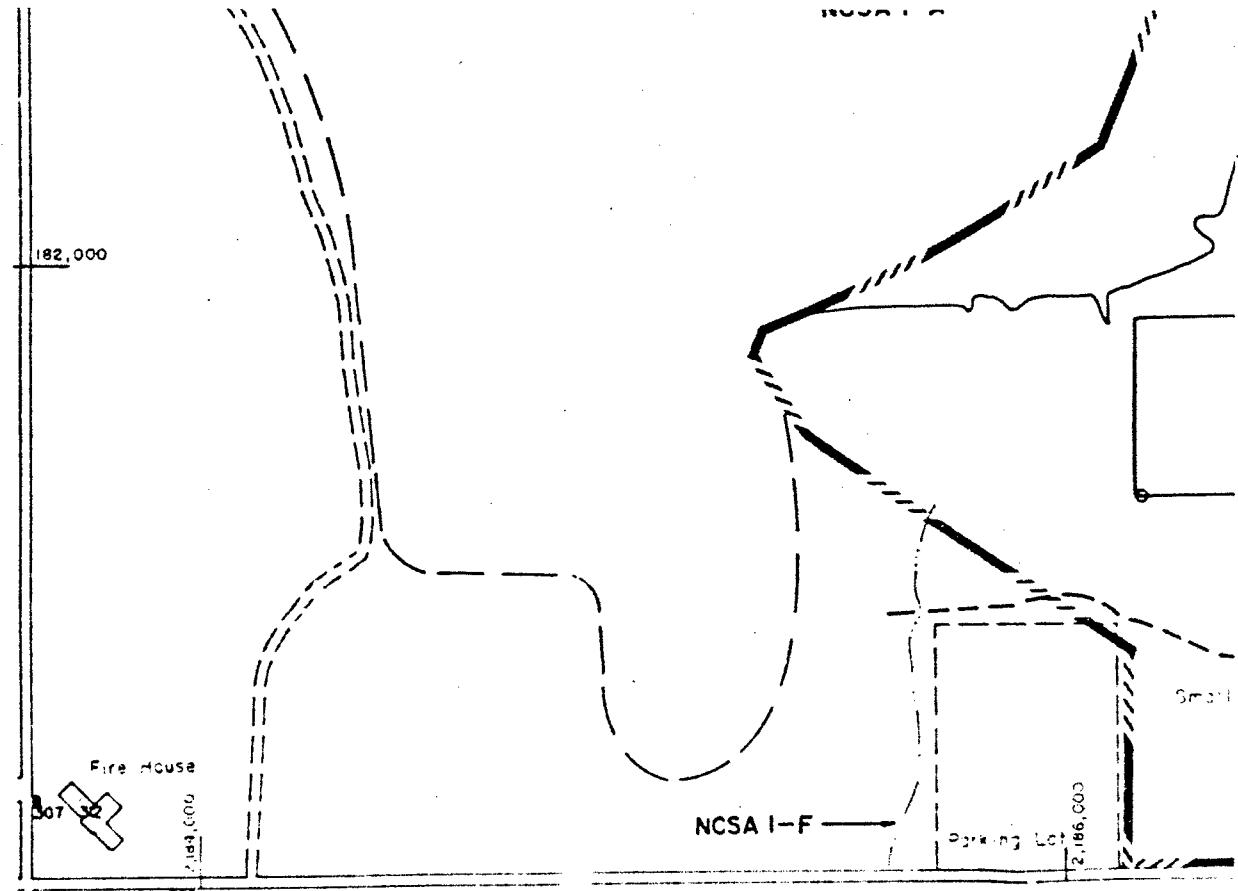


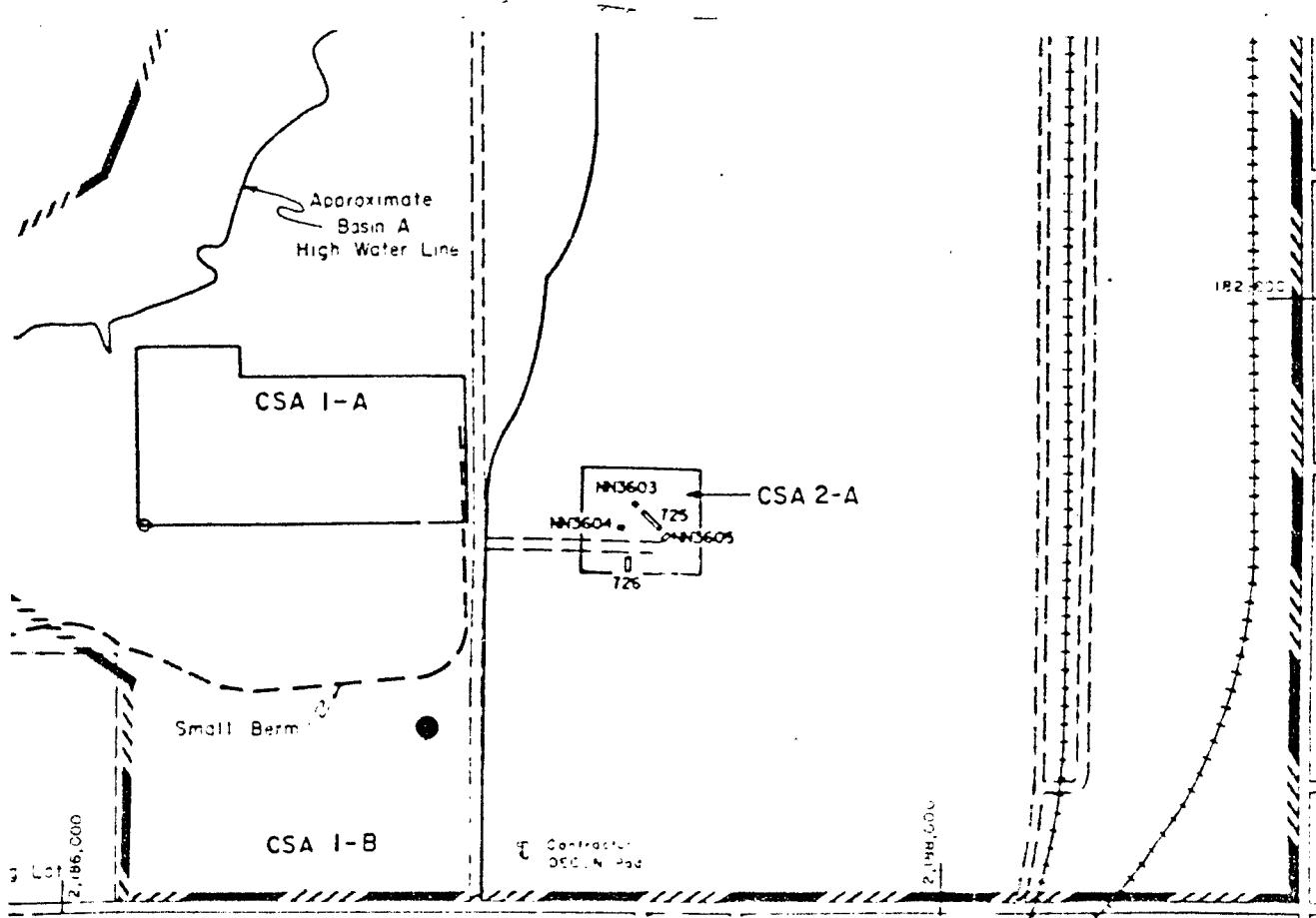
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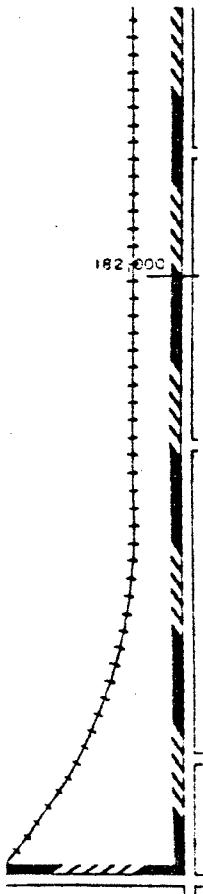
**ROCKY MOUNTAIN ARSENAL  
LOCATION**

|    |    |    |    |    |
|----|----|----|----|----|
|    | 23 | 24 | 9  | 20 |
| 8  | 21 | 26 | 25 | 22 |
| 33 | 34 | 35 | 32 | 31 |
| 4  | 3  | 2  | 1  | 5  |
| 4  |    |    | 2  | 9  |

1": 4 MILES



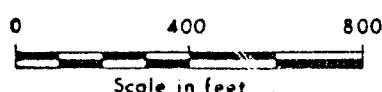
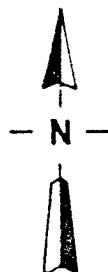




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |
|    |    |    |    | 8  |

1" = 4 MILES



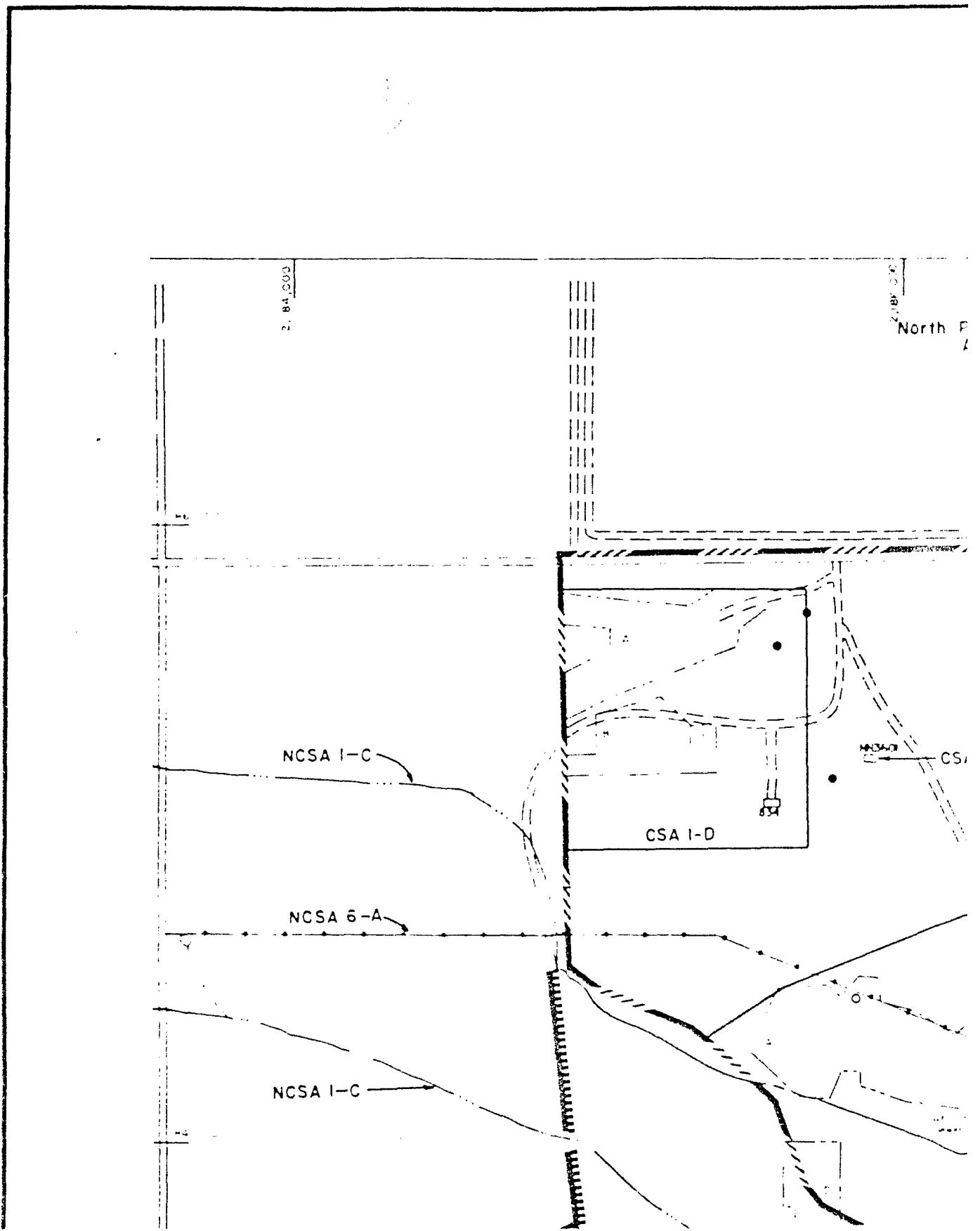
Prepared for:

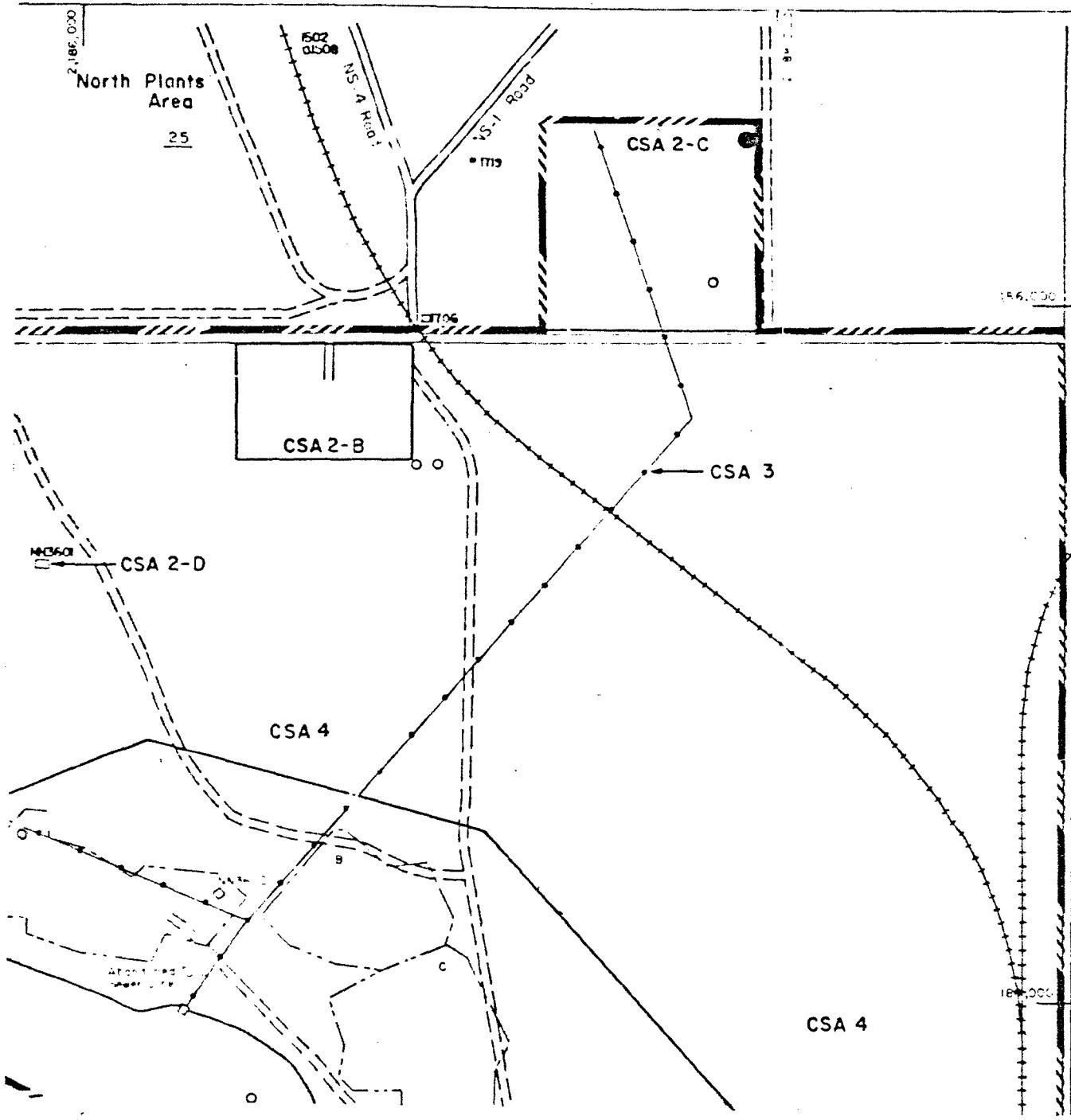
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-14

Volatile Aromatic Organic Compounds  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



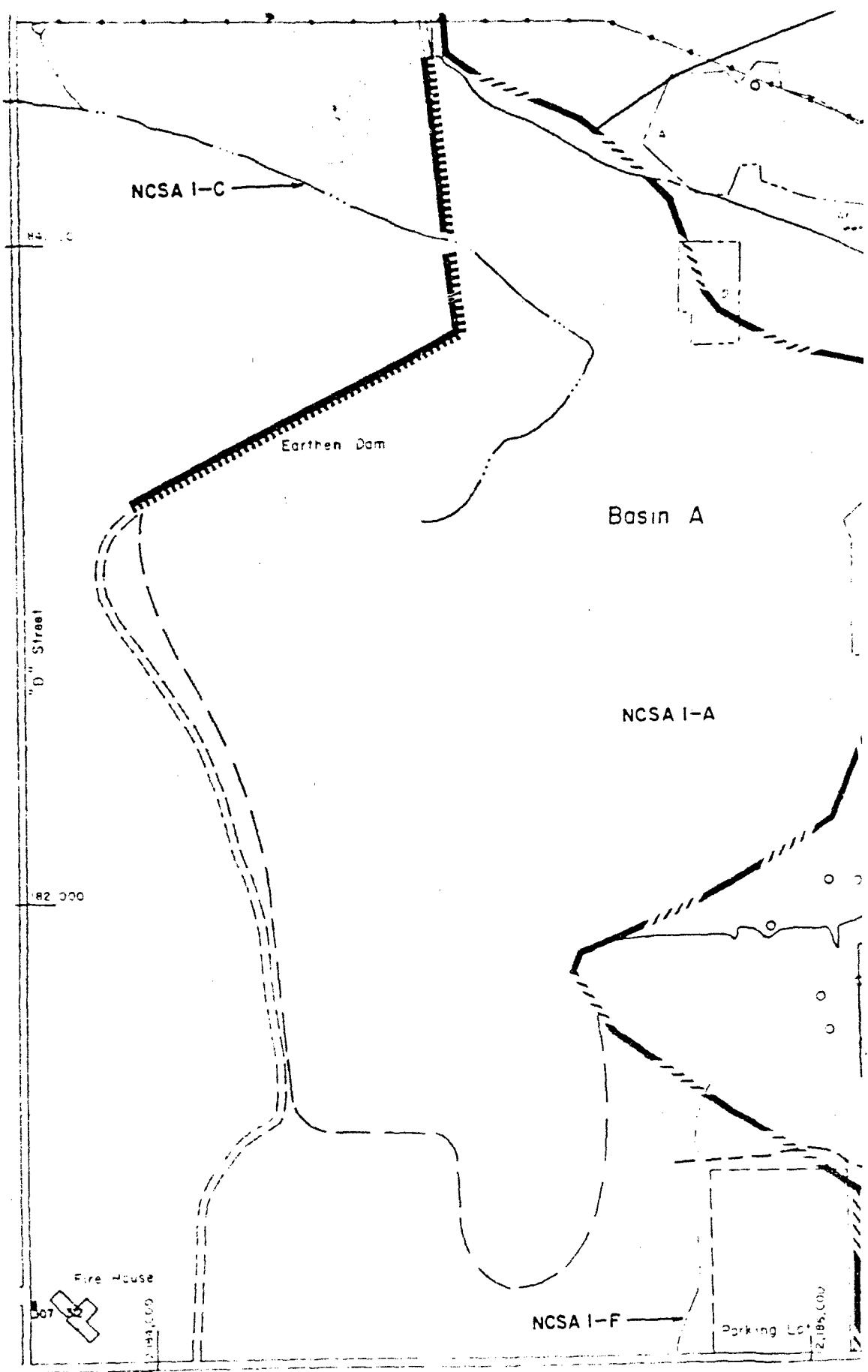


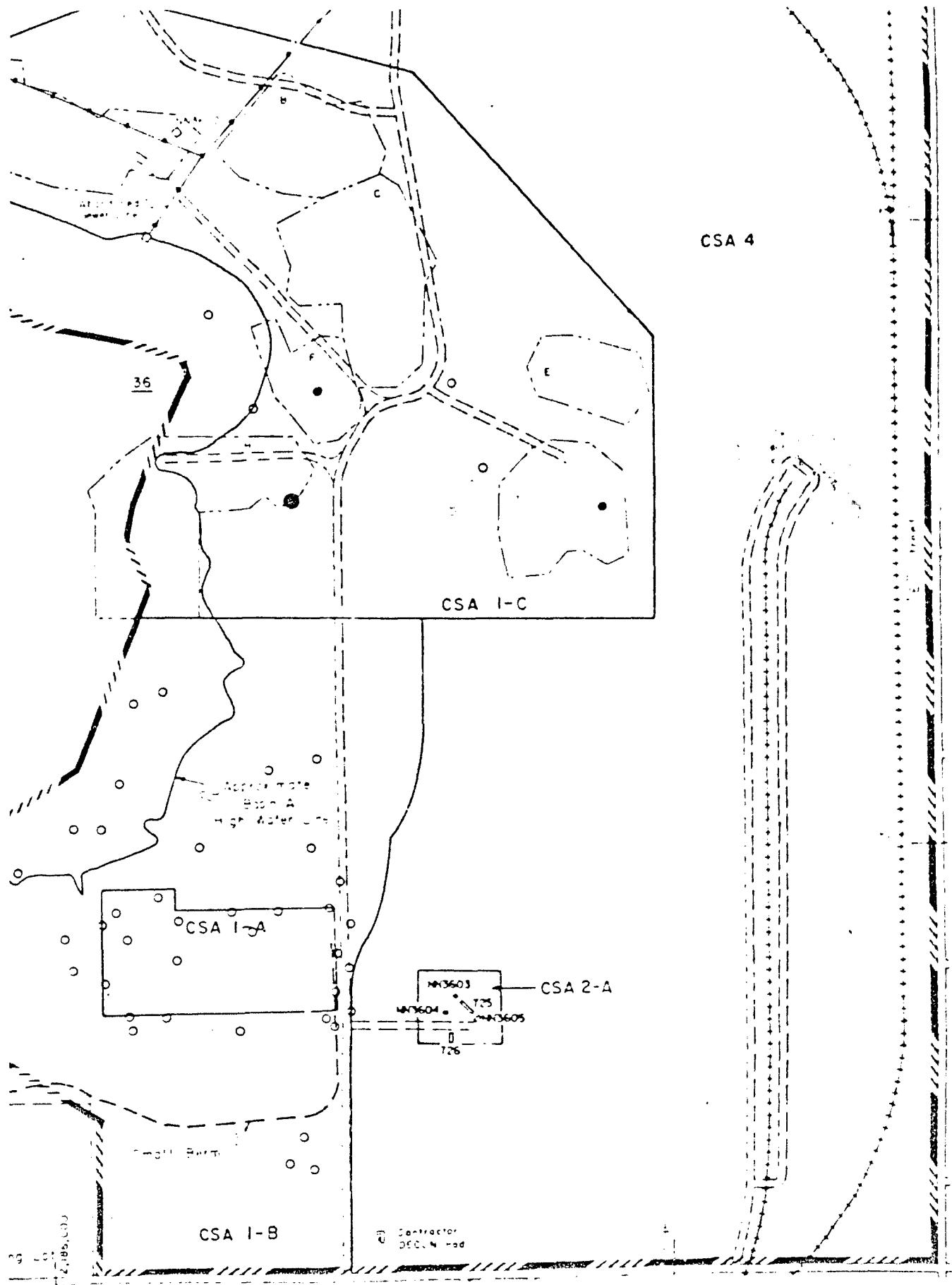
Legend

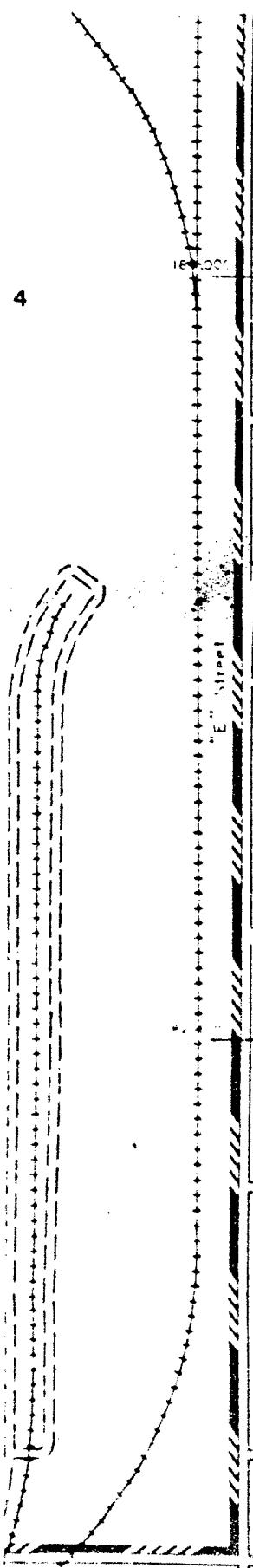
- |                               |                        |
|-------------------------------|------------------------|
| — Improved road               | — Unimproved road      |
| ~ Stream or ditch             | ( Shore line           |
| <u>186,000</u>                | Section number         |
| ←→ Railroad tracks            | [ ] Structure          |
| — Central Study Area boundary | [---] Former structure |
| <u>CSA I-C</u>                | — Arsenal boundary     |
| — Site boundary               | ----- Sanitary sewer   |
| — Geophysical anomaly         | — Chemical sewer       |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.43 - 1.0
- 1.0 - 10
- 10 - 100
- >100







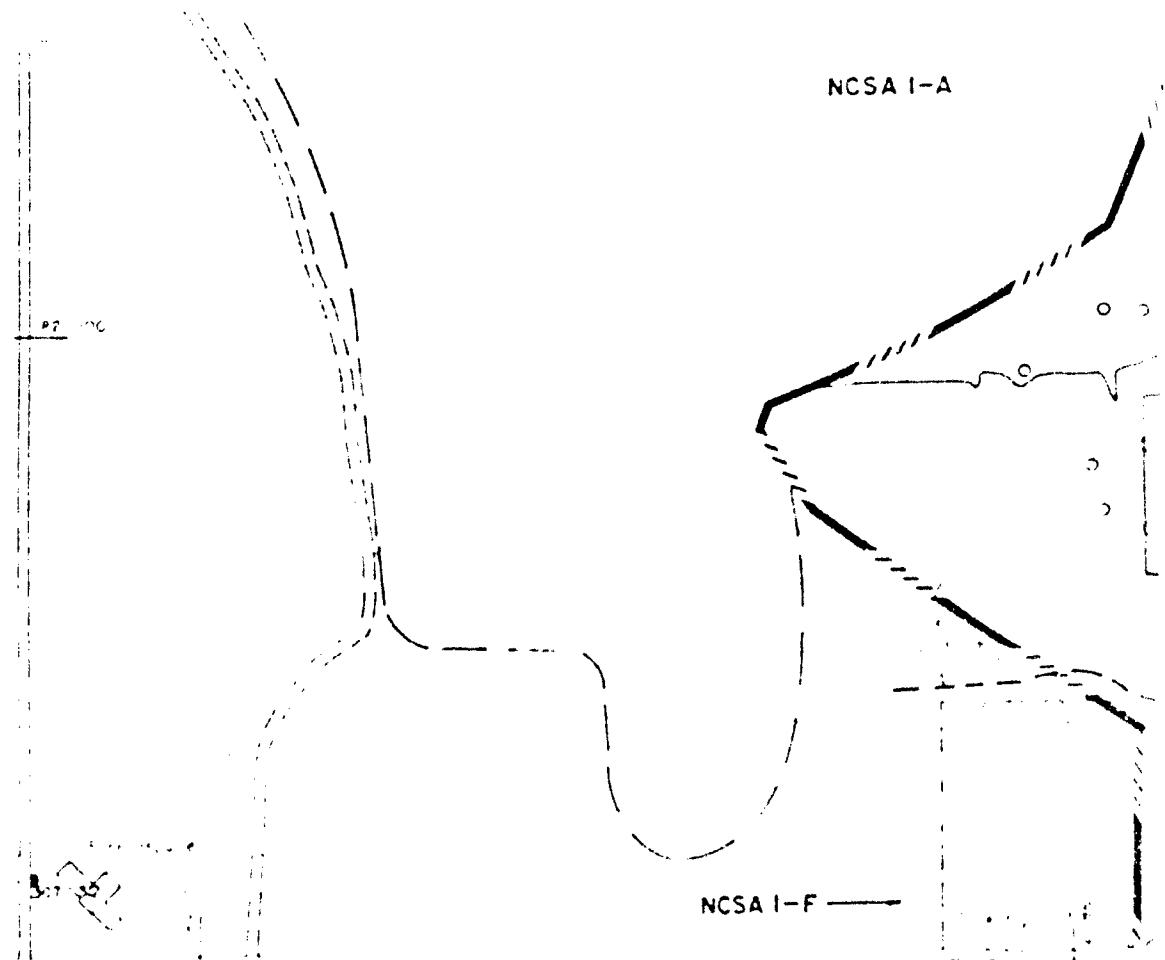
ROCKY MOUNTAIN ARSENAL  
LOCATION

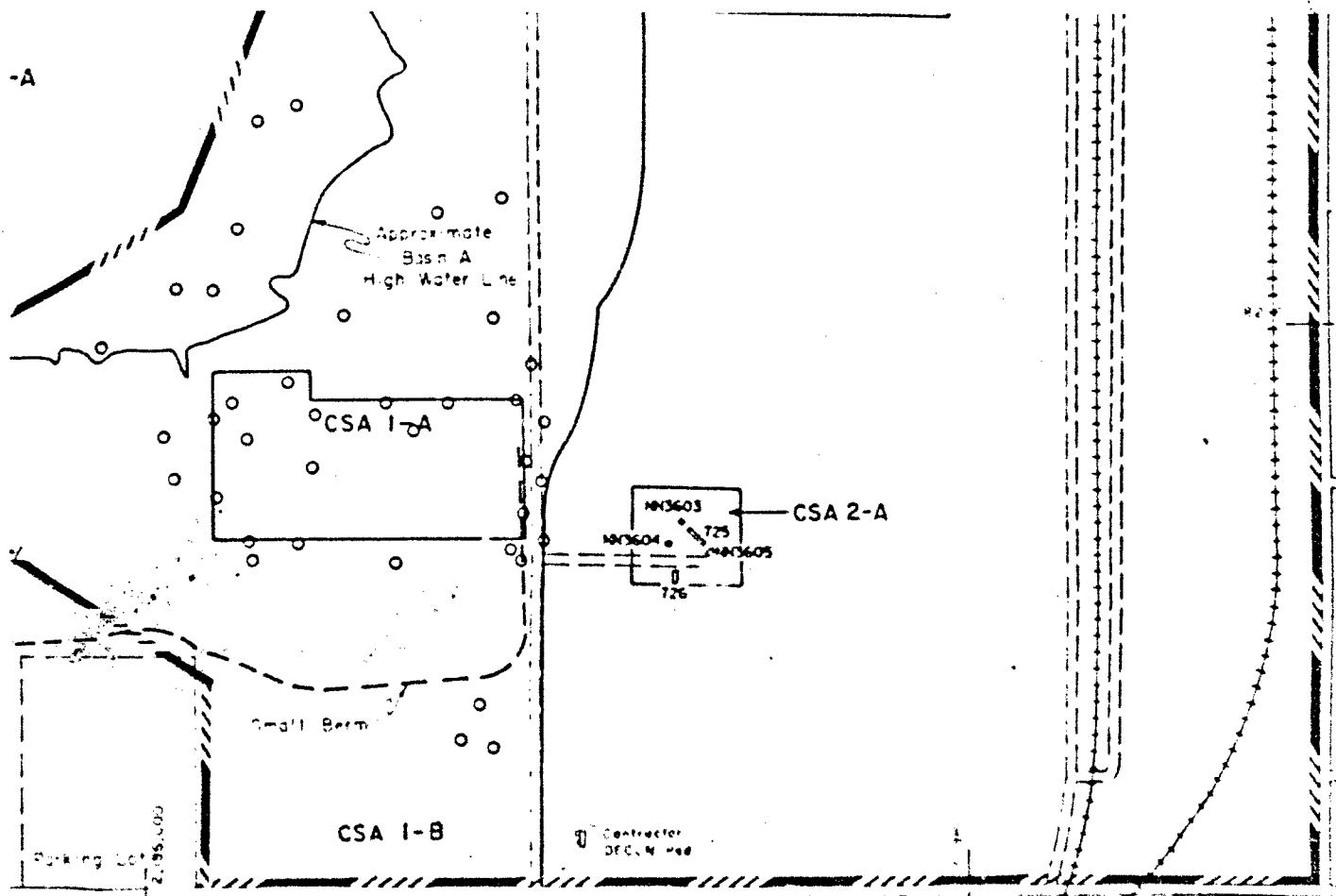


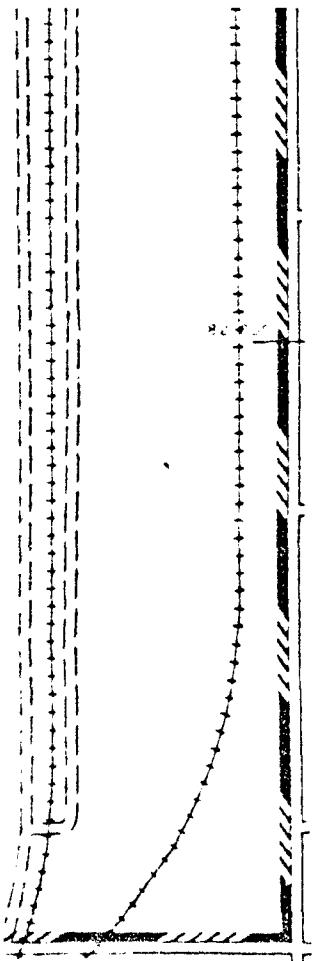
1" = 4 MILES



NCSA I-A



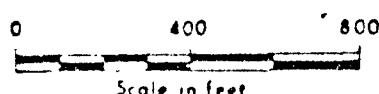
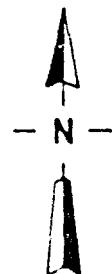




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |    |    |    |
|----|----|----|----|----|----|----|----|
| 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 28 | 27 | 26 | 25 | 30 | 29 | 31 | 32 |
| 33 | 34 | 35 | 36 | 31 | 32 |    |    |
| 4  | 5  | 2  | 1  | 6  | 5  |    |    |
| 9  |    |    |    | 7  | 8  |    |    |

1" = 4 MILES



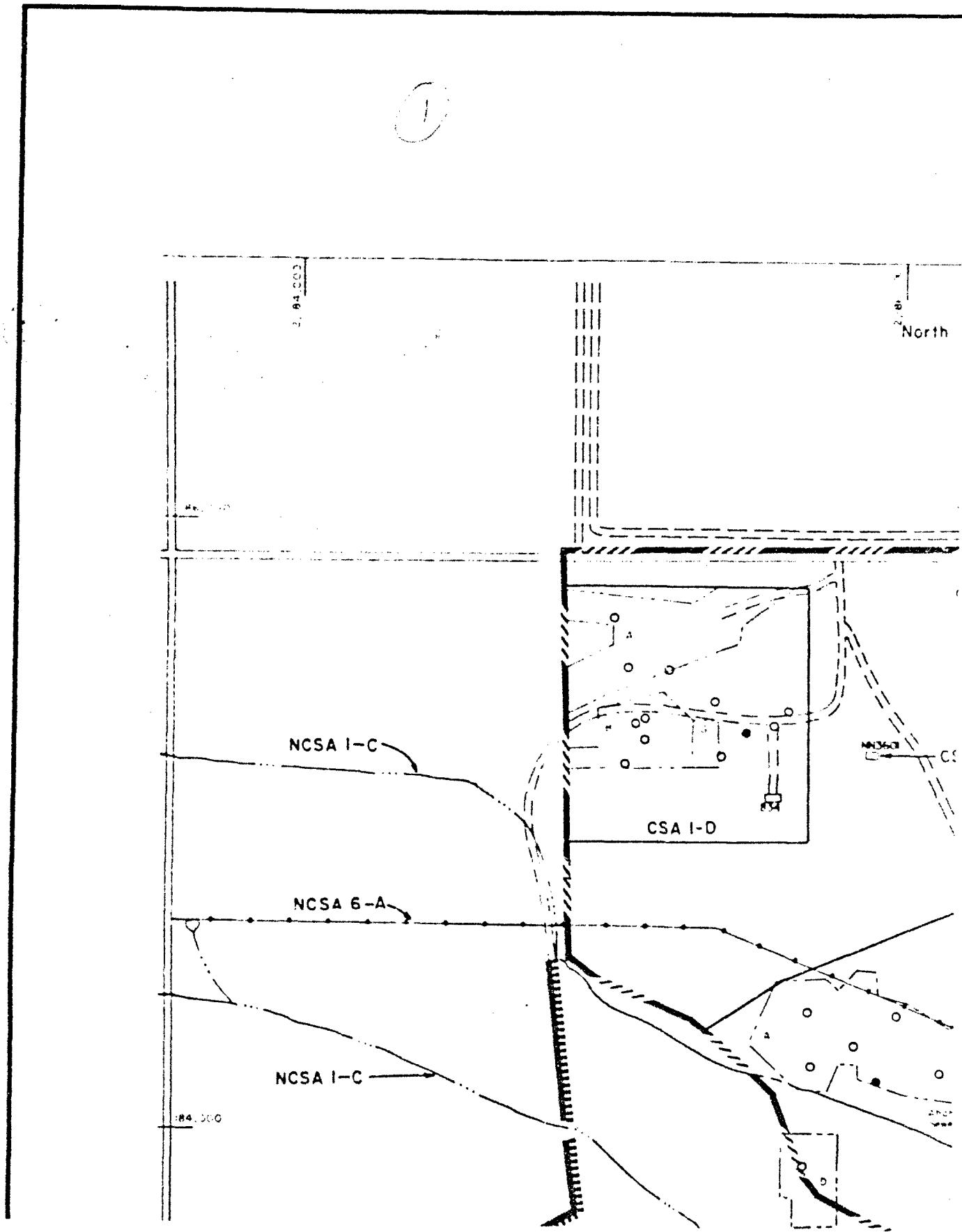
Prepared for:

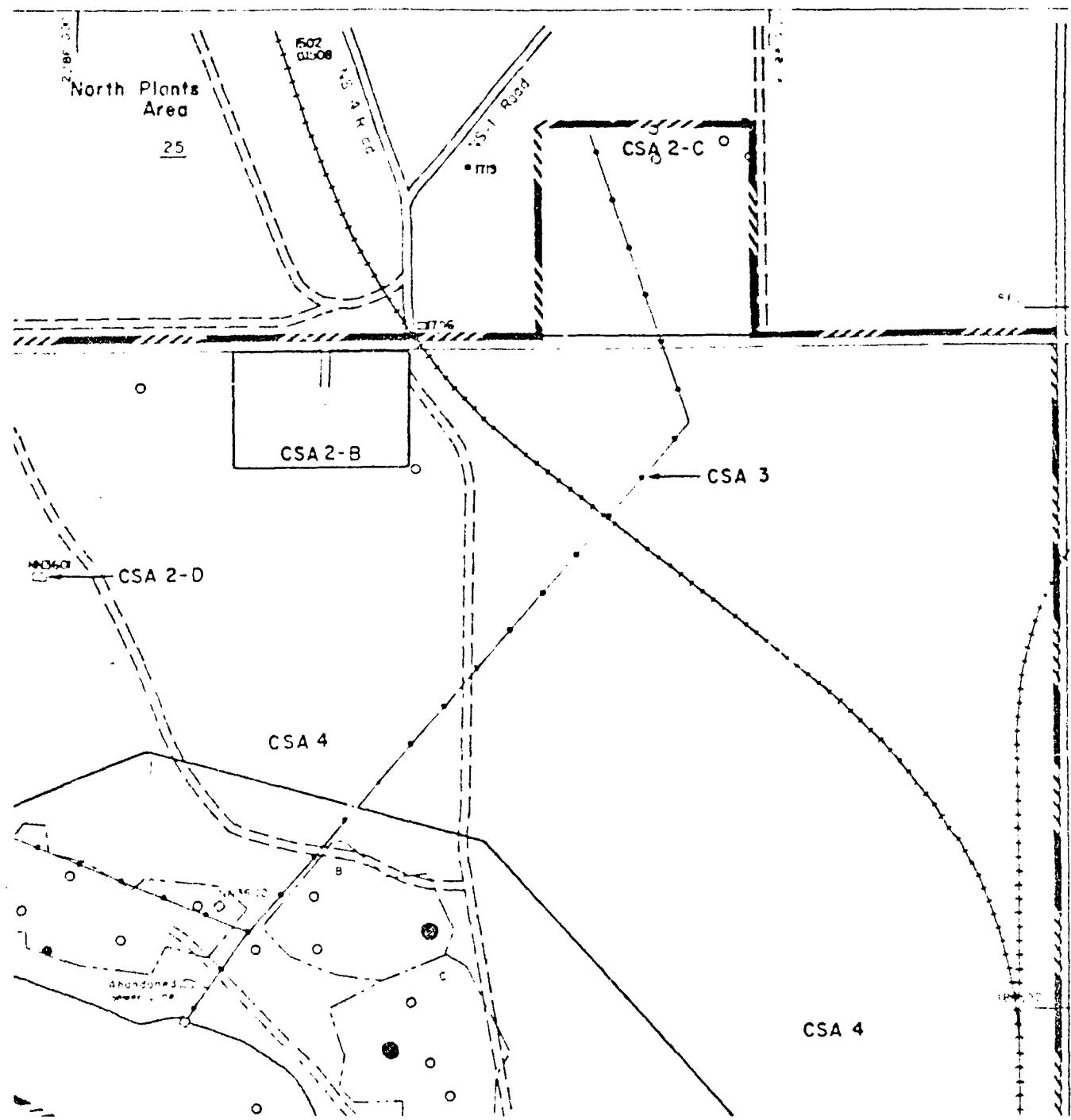
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-15

Volatile Aromatic Organic Compounds  
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



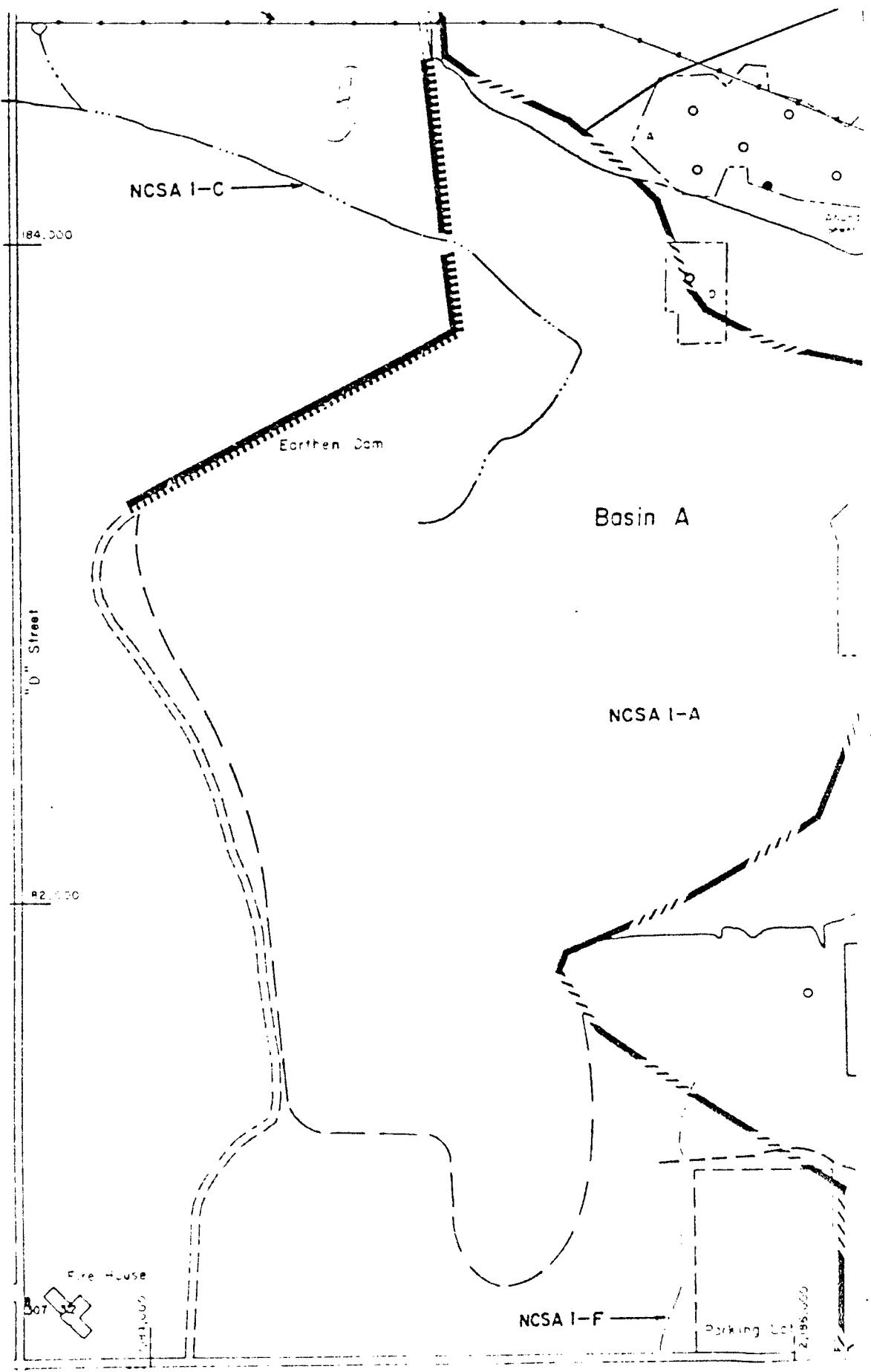


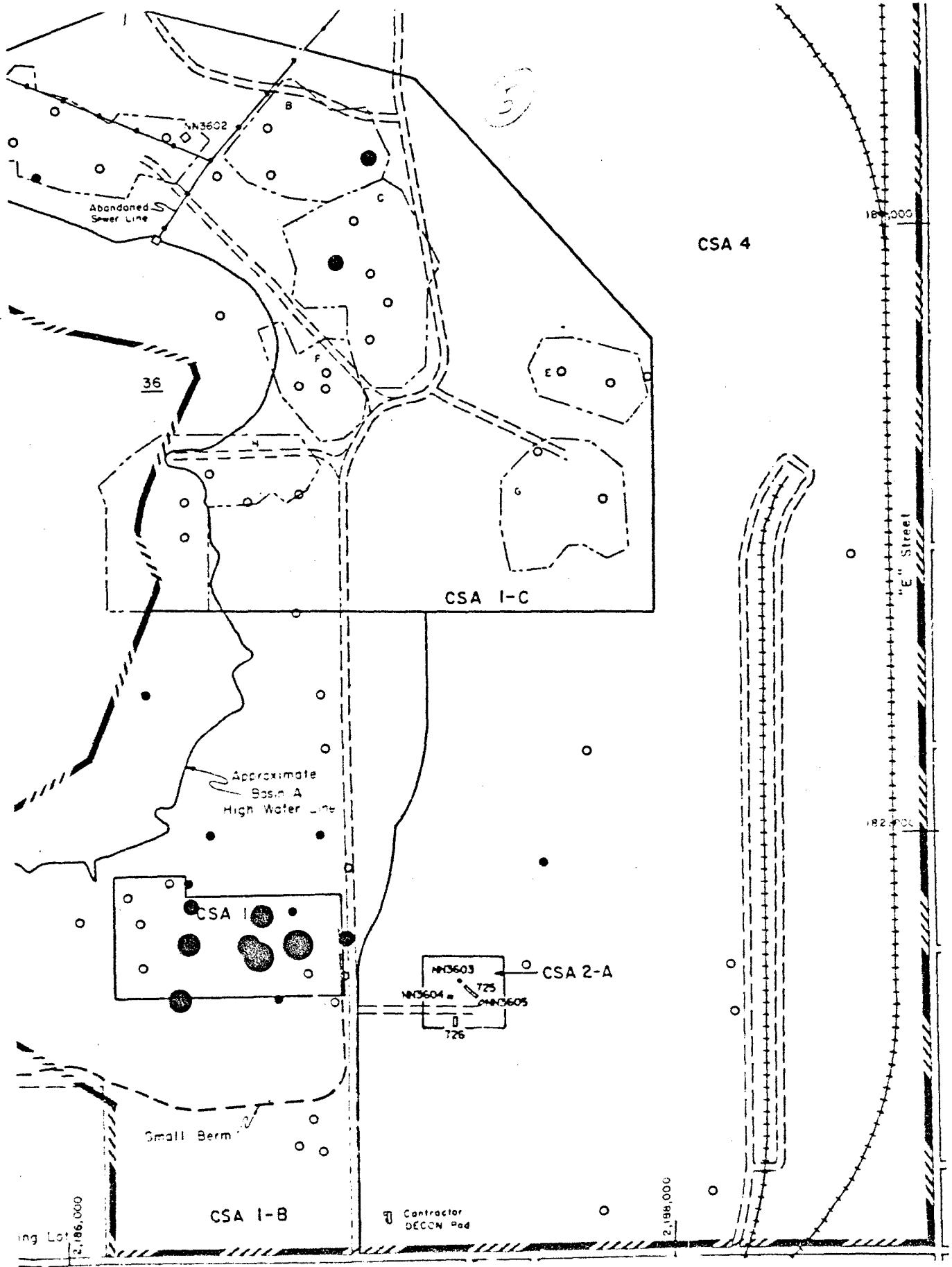
Legend

- |                             |                         |
|-----------------------------|-------------------------|
| Improved road               | Unimproved road         |
| Stream or ditch             | Shore line              |
| <u>186,000</u>              | <u>9</u>                |
| State plane grid            | Section number          |
| Railroad tracks             | Structure               |
| Central Study Area boundary | Former structure        |
| <u>CSA I-C</u>              | <u>Arsenal boundary</u> |
| Site boundary               | ----- Sanitary sewer    |
| Geophysical anomaly         | Chemical sewer          |

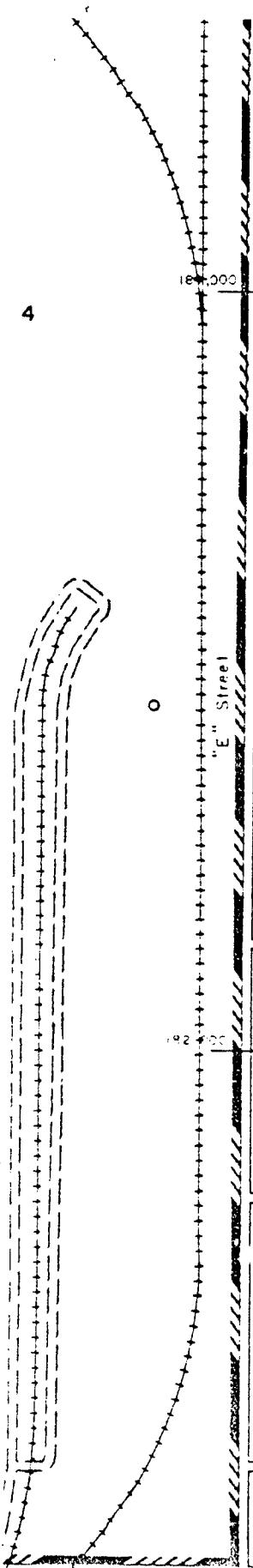
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.43 - 1.0
- 1.0 - 10
- 10 - 100
- >100





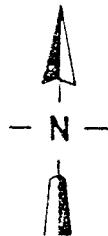
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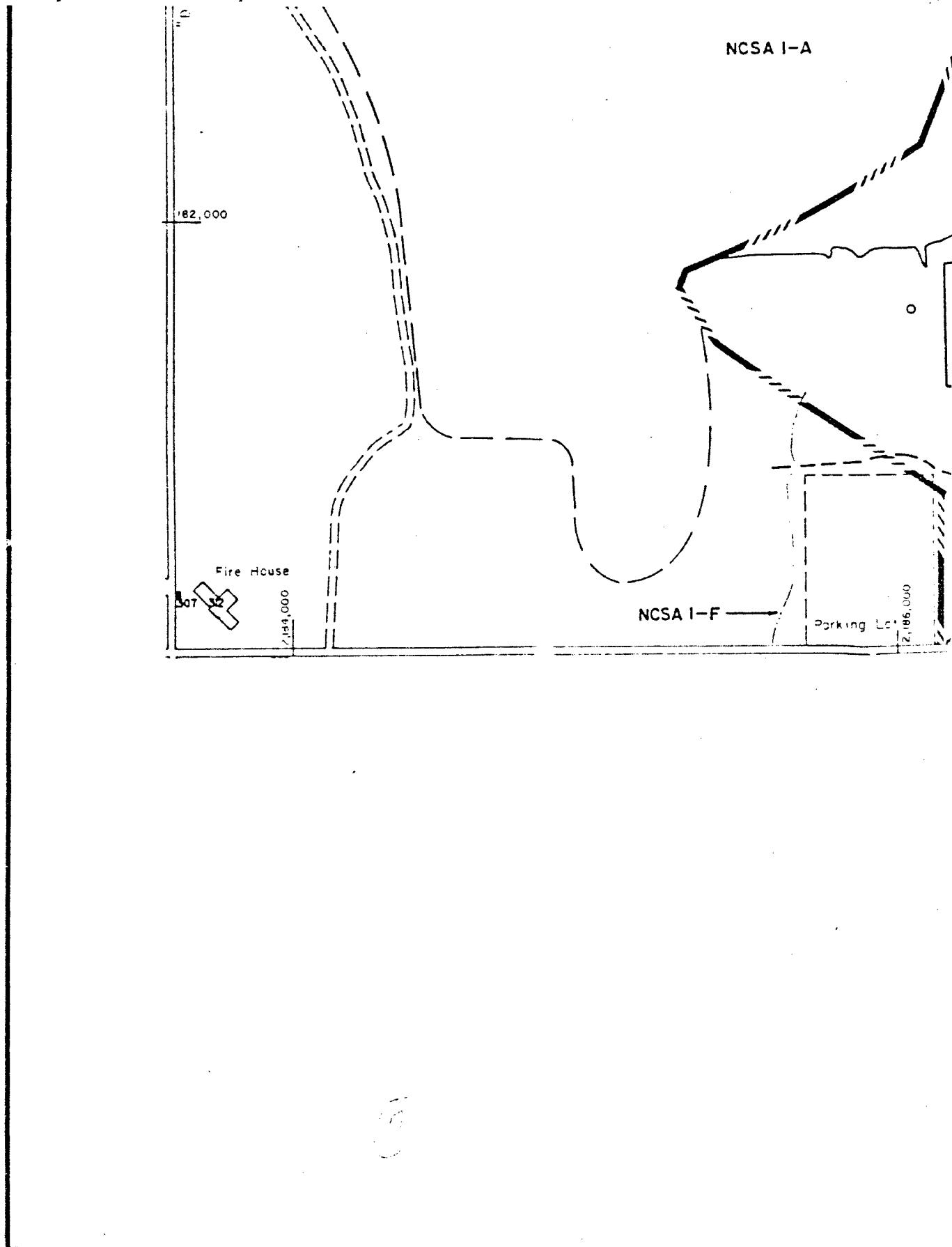


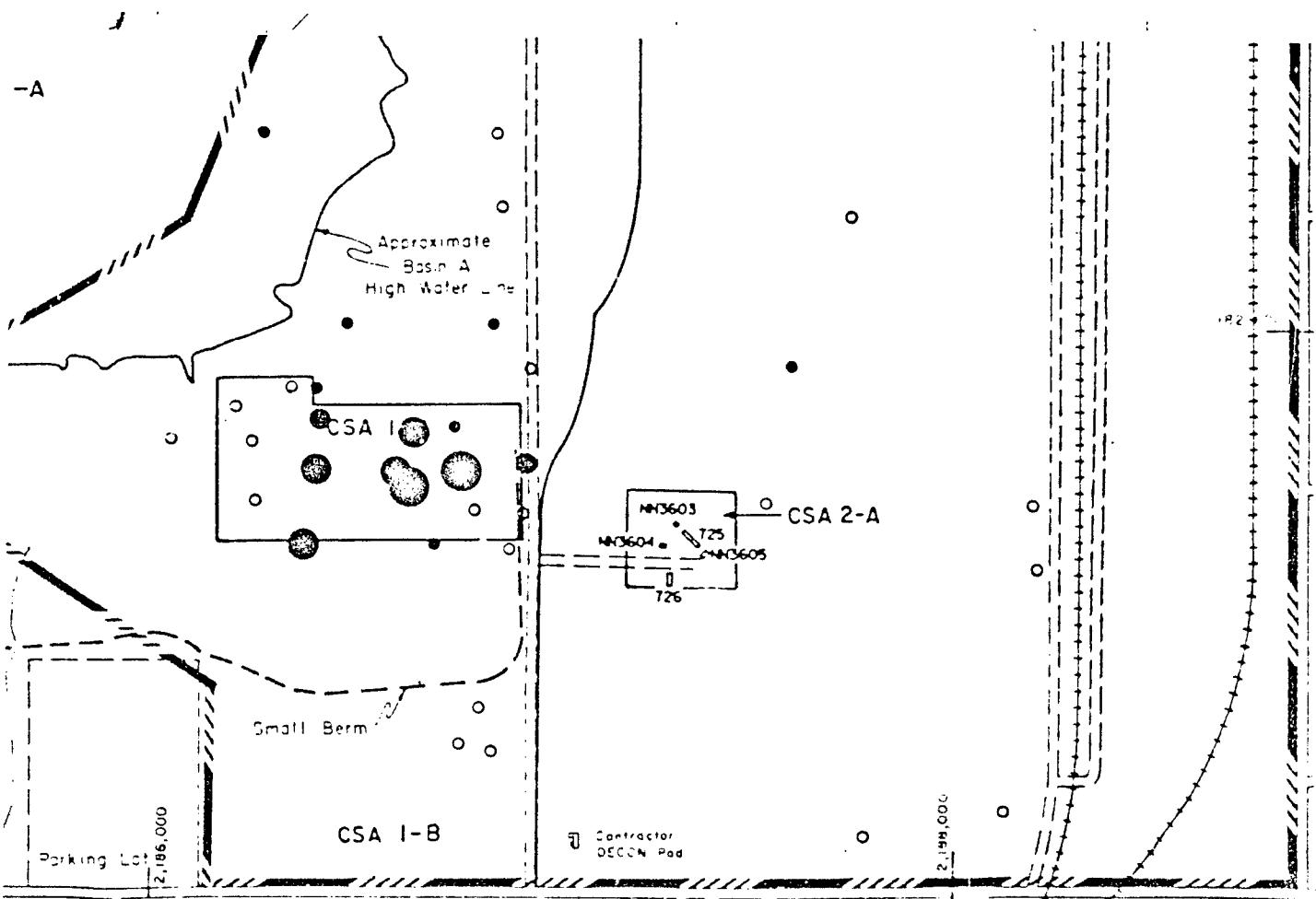
ROCKY MOUNTAIN ARSENAL  
LOCATION

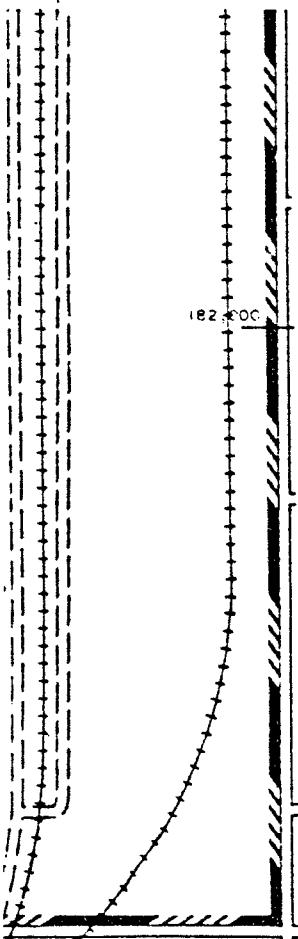
|    |    |    |    |    |
|----|----|----|----|----|
| 32 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 2  | 7  |

1" = 4 MILES





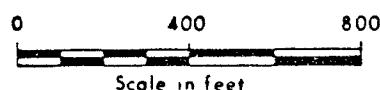
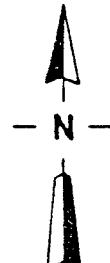




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



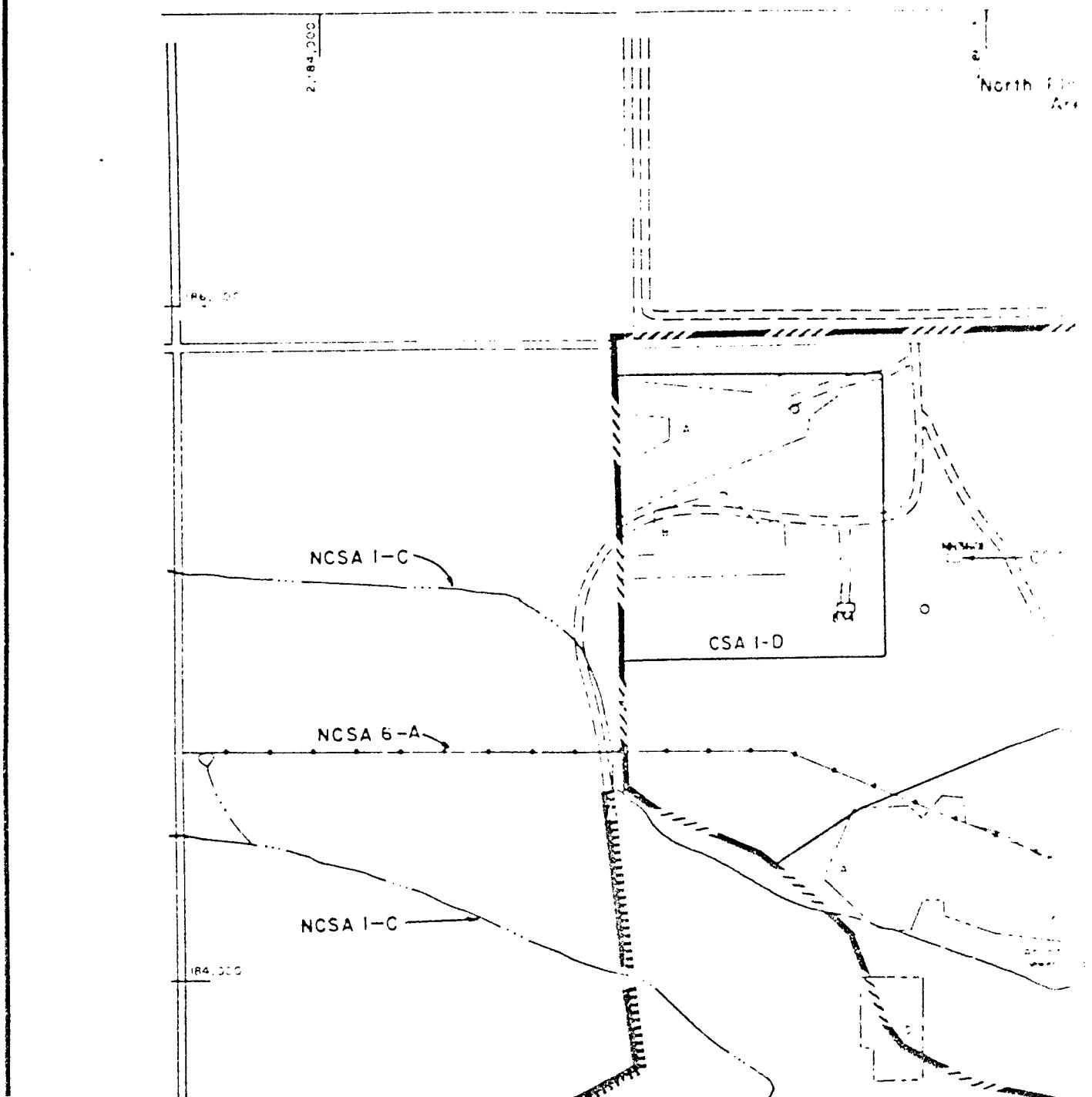
Prepared for:

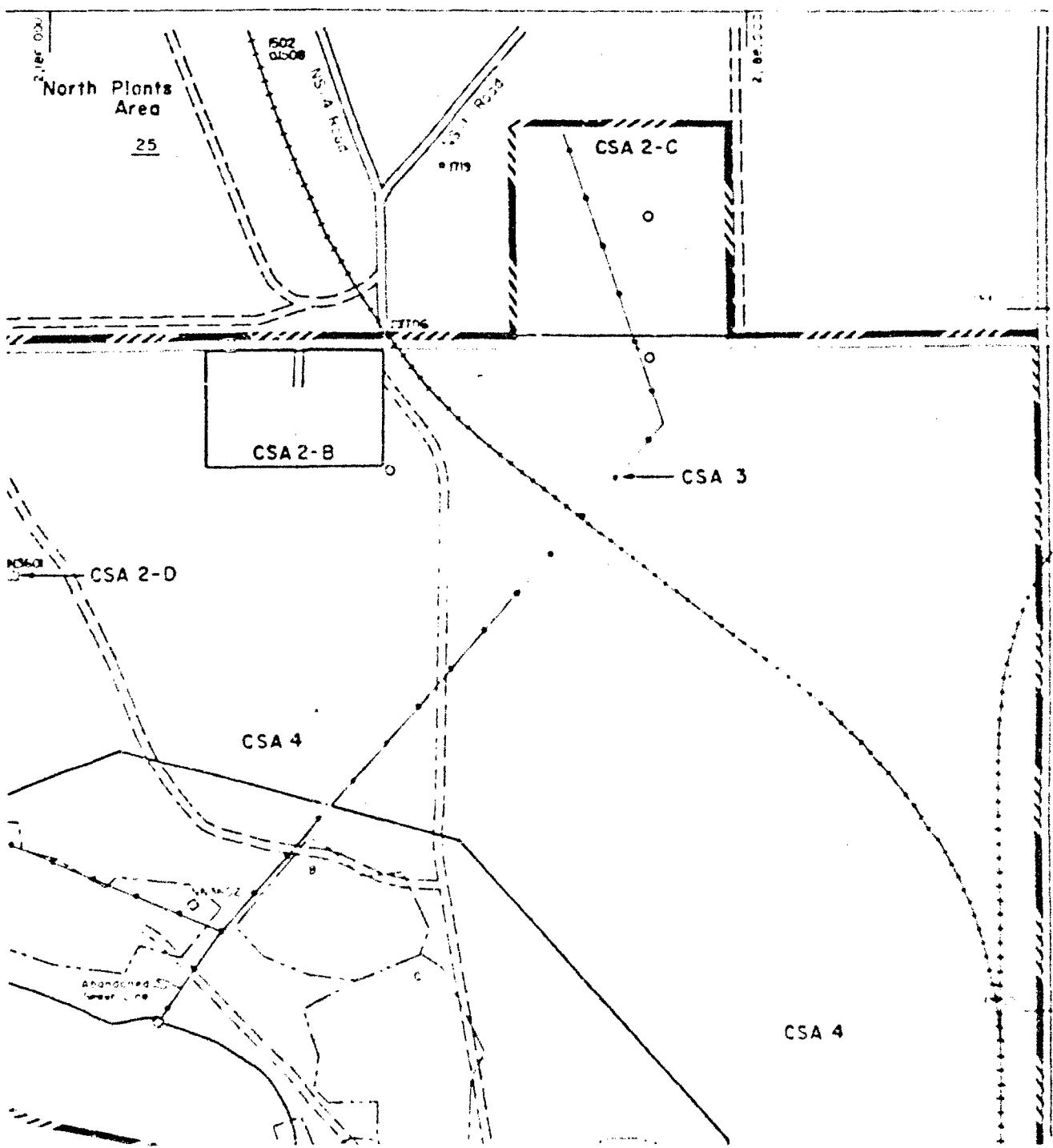
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-16

Volatile Aromatic Organic Compounds  
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



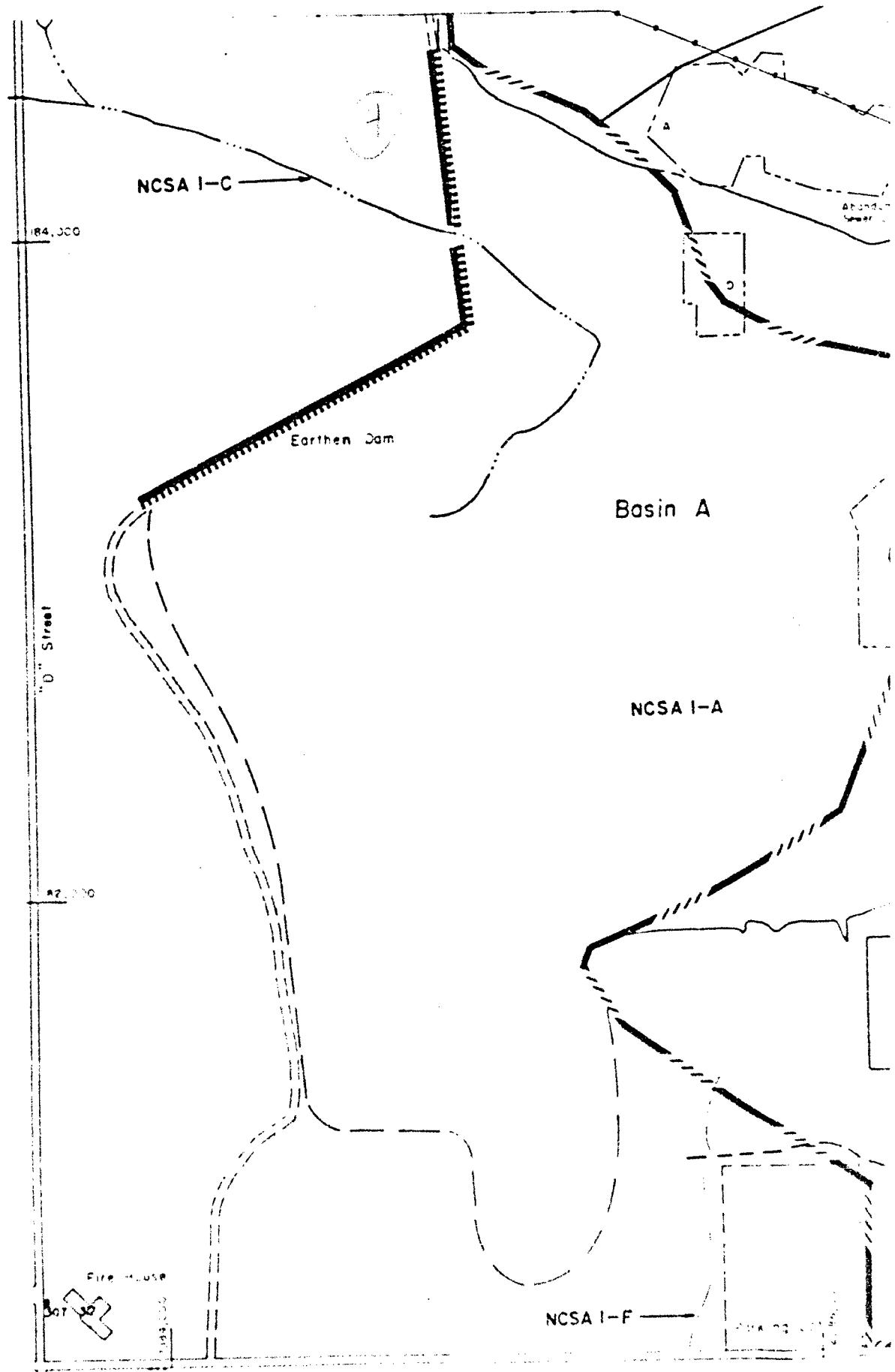


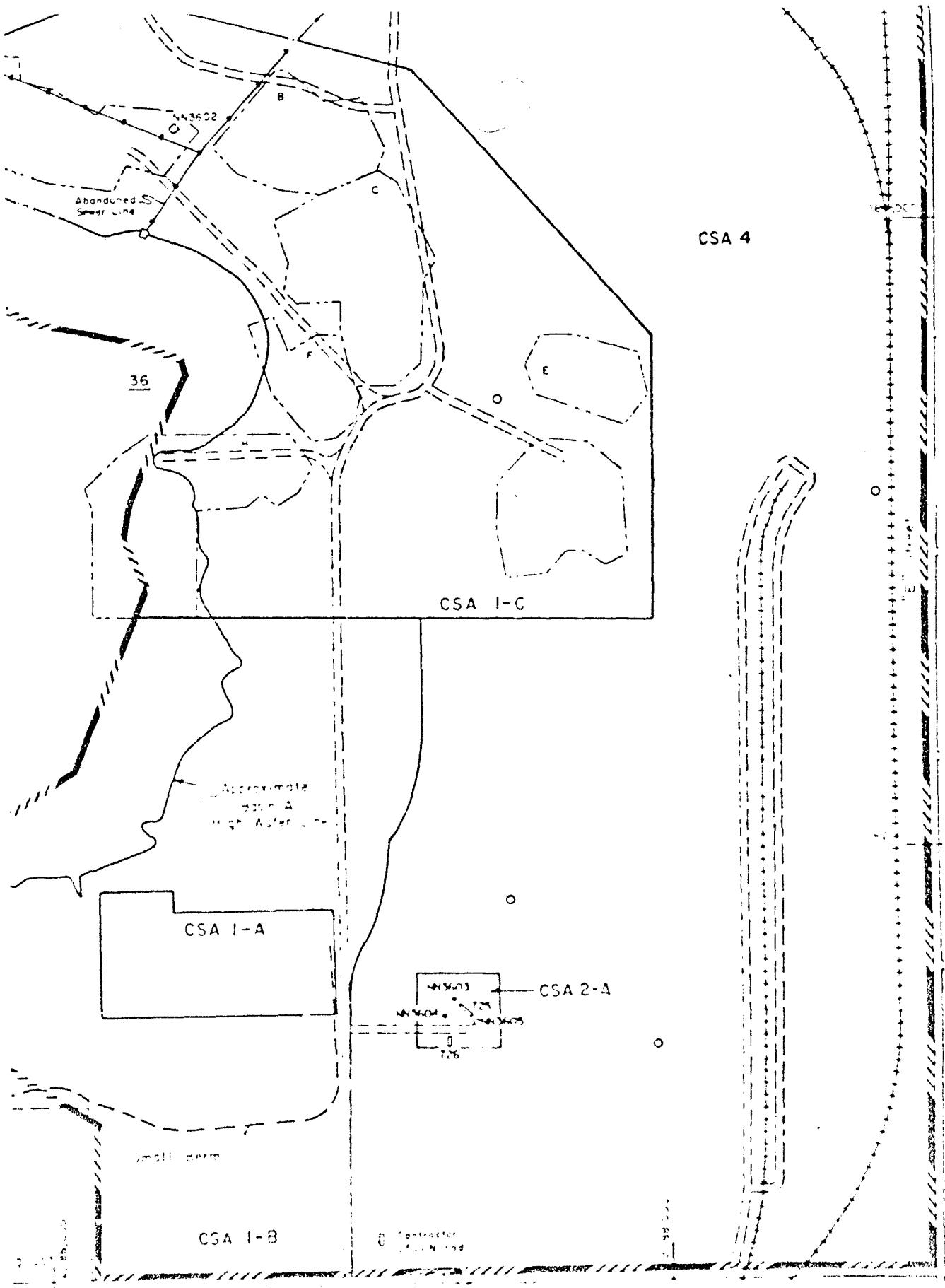
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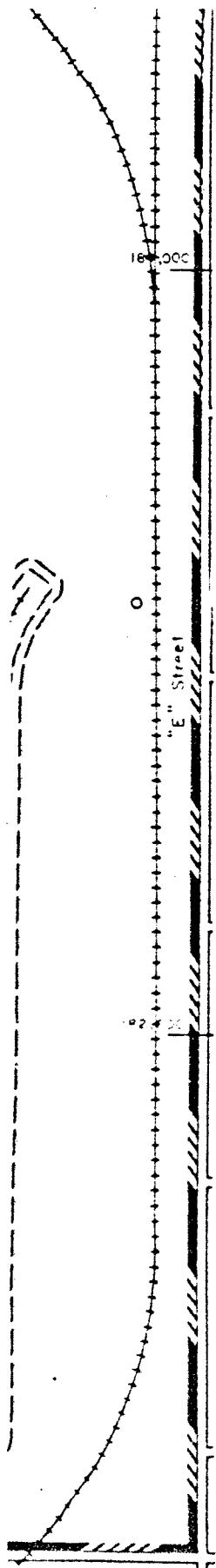
|                                               |                                           |
|-----------------------------------------------|-------------------------------------------|
| <u>—</u> <u>—</u> Improved road               | <u>—</u> <u>—</u> Unimproved road         |
| <u>~</u> <u>~</u> Stream or ditch             | <u>○</u> Shore line                       |
| <u>9</u>                                      | <u>9</u> Section number                   |
| <u>100-202</u> State plane grid               | <u>□</u> Structure                        |
| <u>←→</u> Railroad tracks                     | <u>[ ]</u> Former structure               |
| <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary        |
| <u>CSA I-C</u> Site boundary                  | <u>-----</u> Sanitary sewer               |
| <u>—</u> <u>—</u> Geophysical anomaly         | <u>—</u> <u>—</u> <u>●</u> Chemical sewer |

**ANALYTE SAMPLE LOCATION  
AND CONCENTRATION ( $\mu\text{g}/\text{g}$ )**

- Below Certified Reporting Limit (BCRL)
- 0.43 - 1.0
- 10 - 10
- 10 - 100
- >100



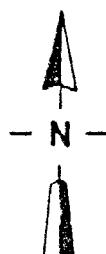


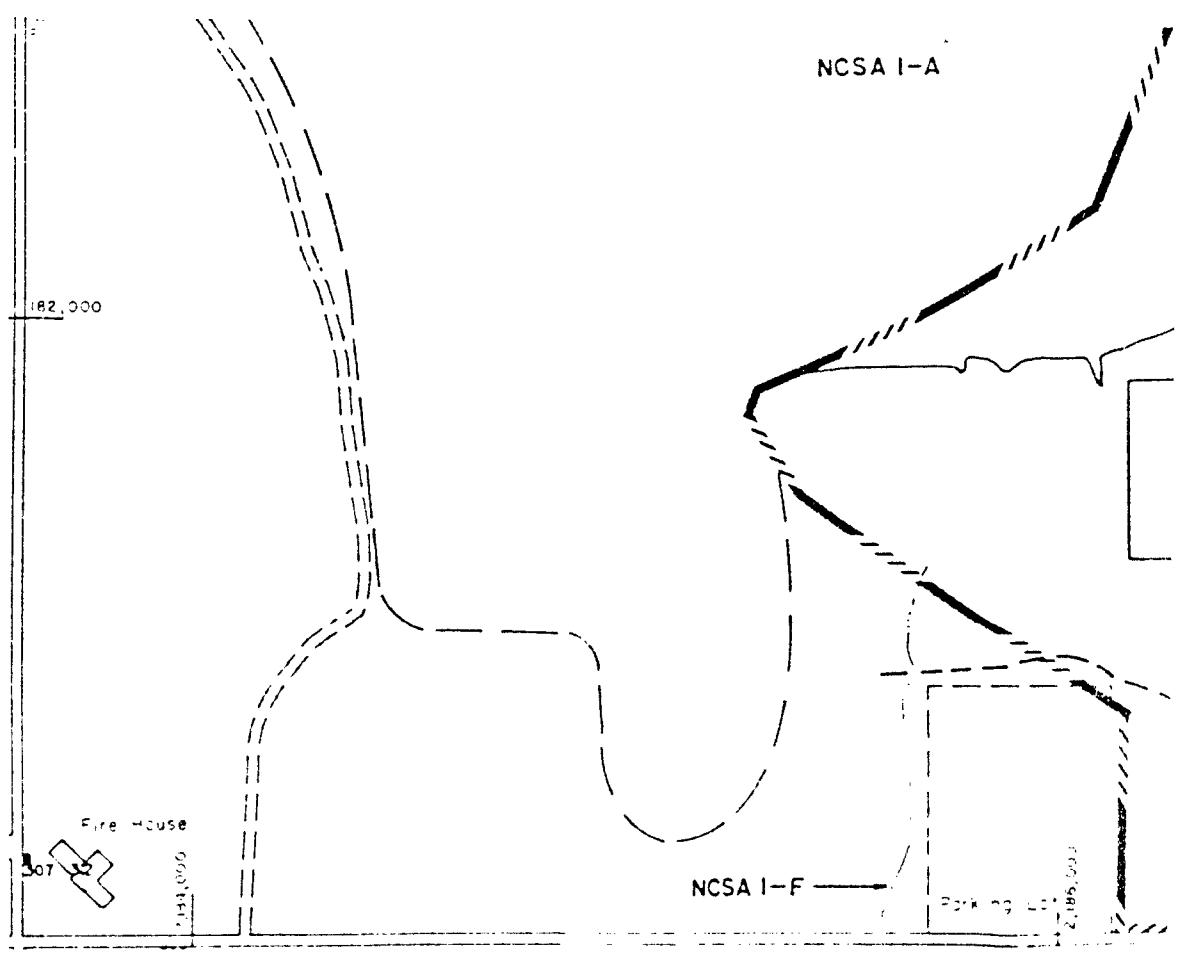


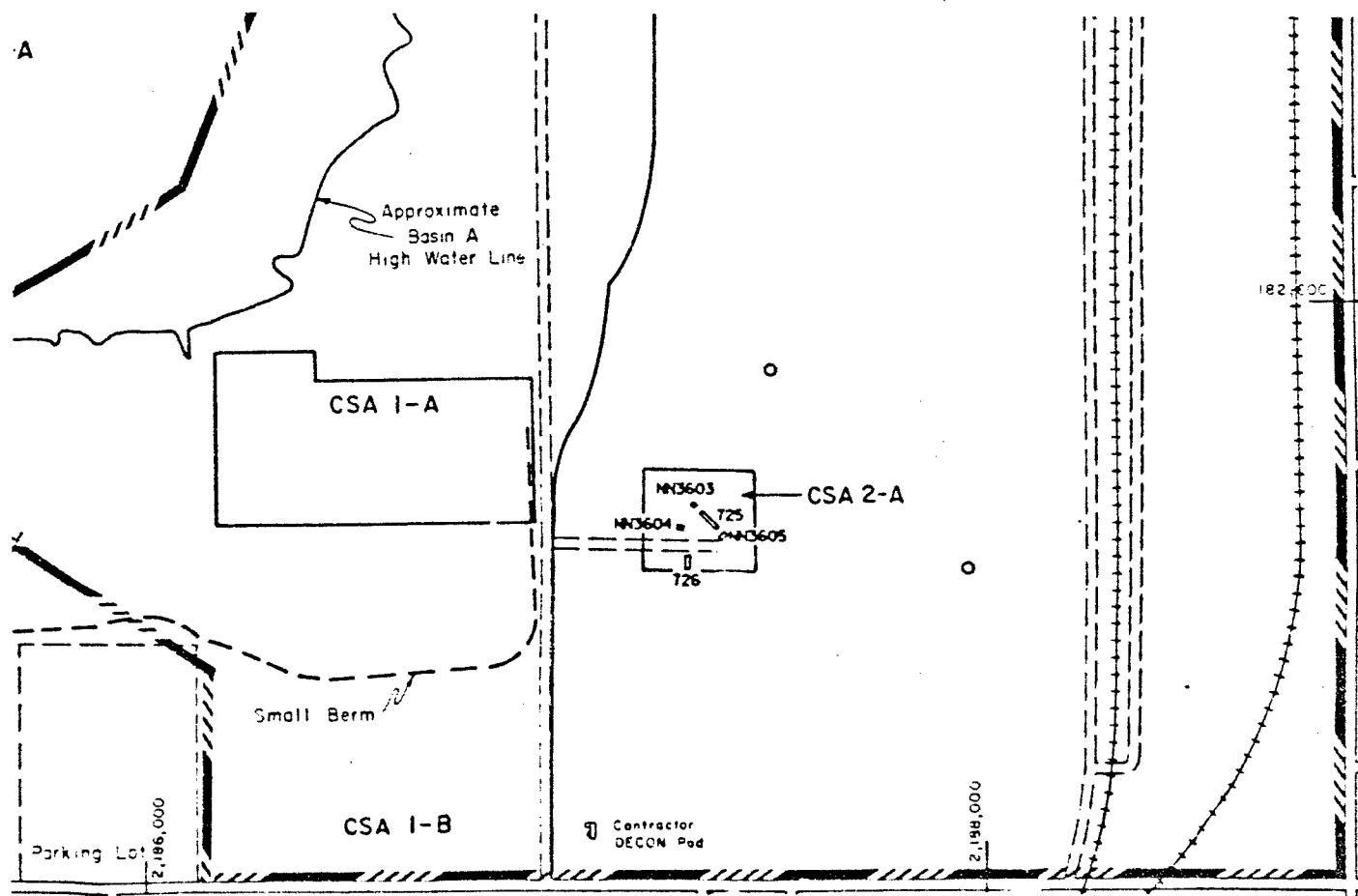
ROCKY MOUNTAIN ARSENAL  
LOCATION

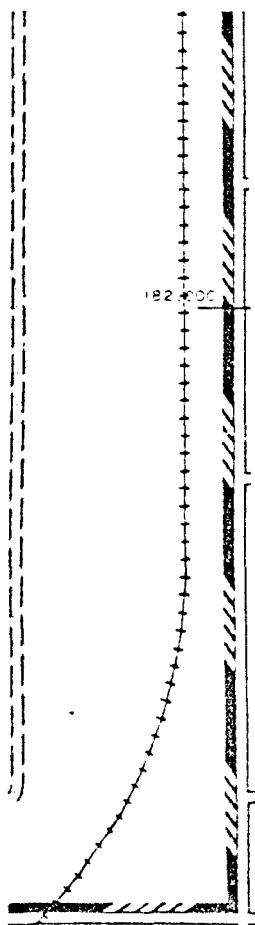
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 3  | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 8  |

1" = 4 MILES





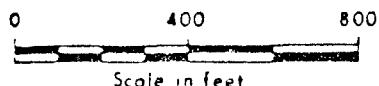
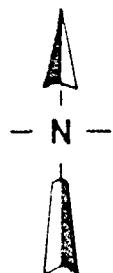




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 29 | 20 |
| 27 | 26 | 25 | 30 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  | 11 | 12 | 7  | 8  |

1" = 4 MILES



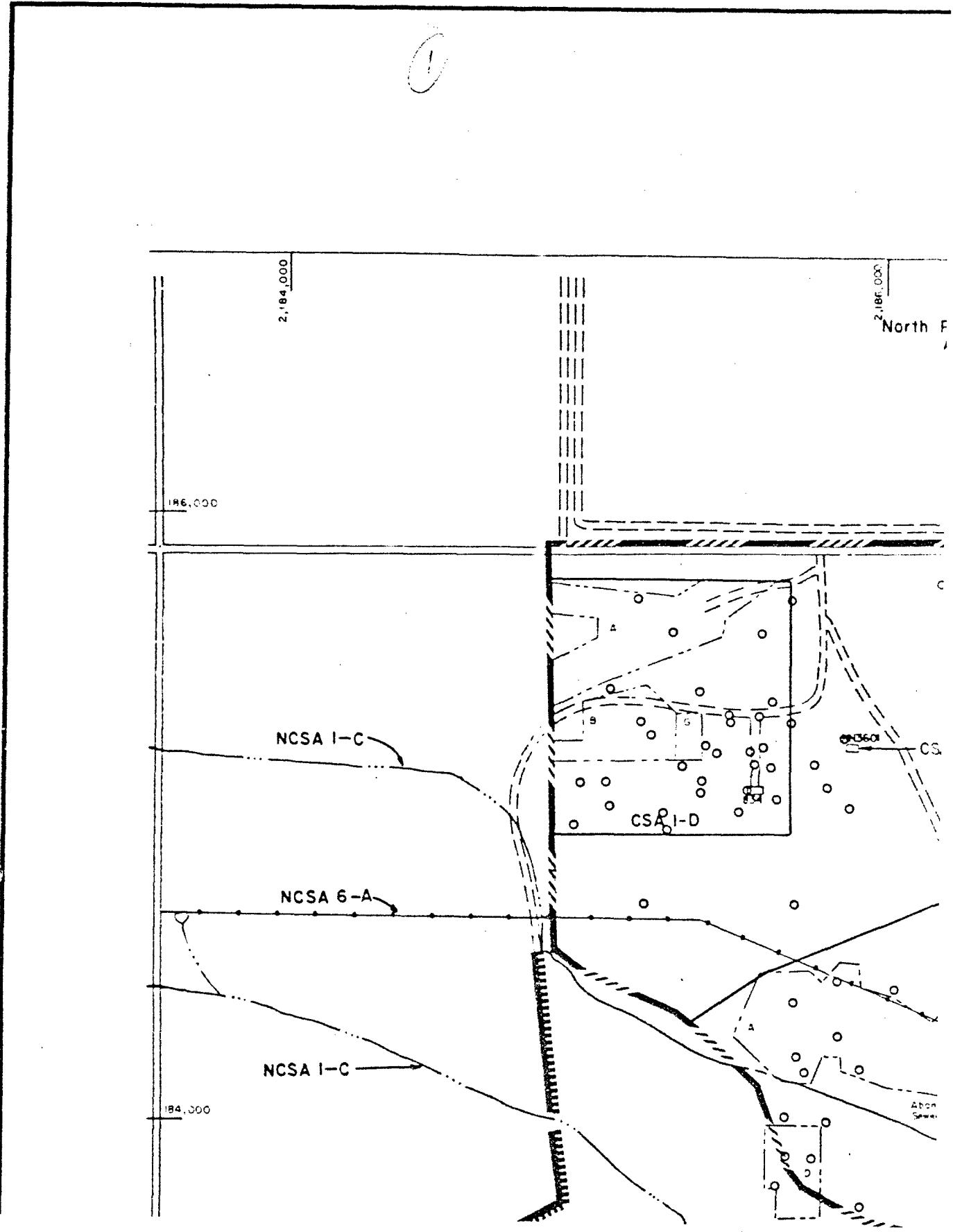
Prepared for:

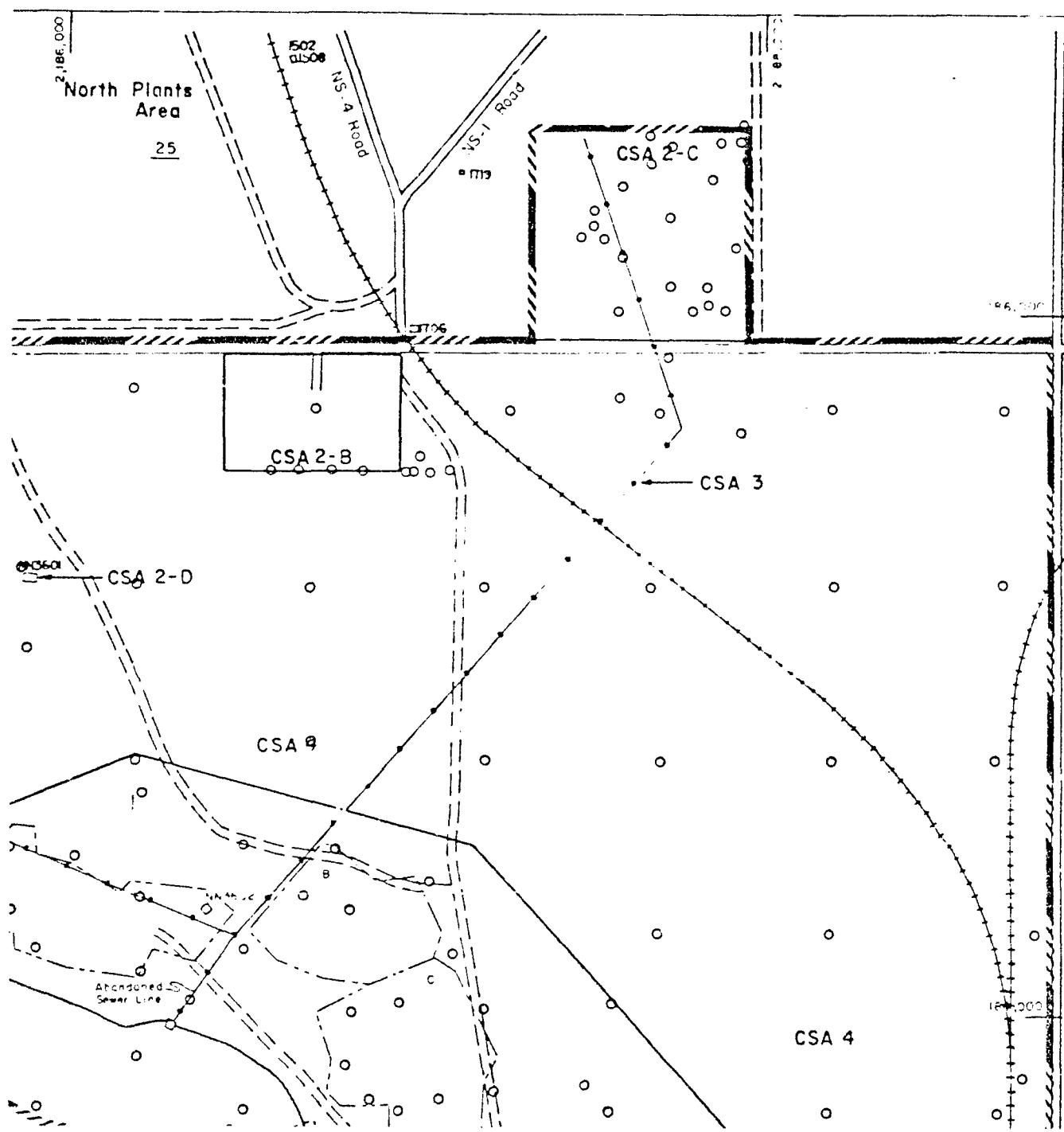
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-17

Volatile Aromatic Organic Compounds  
in Soils in the > 20 ft. Interval

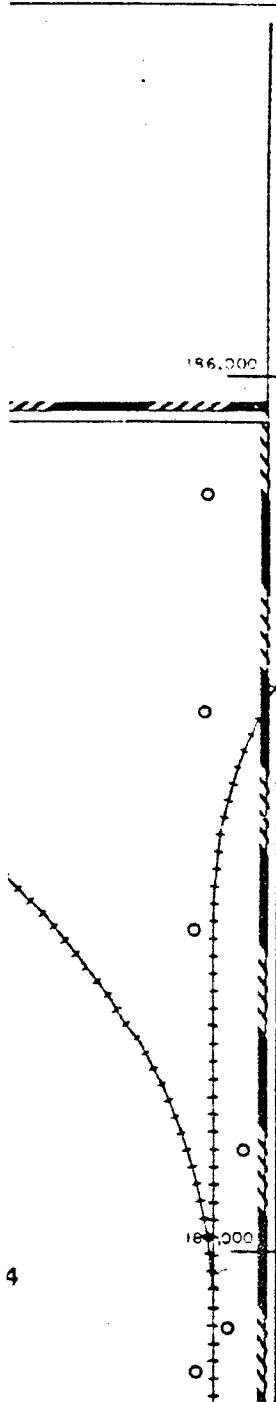
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





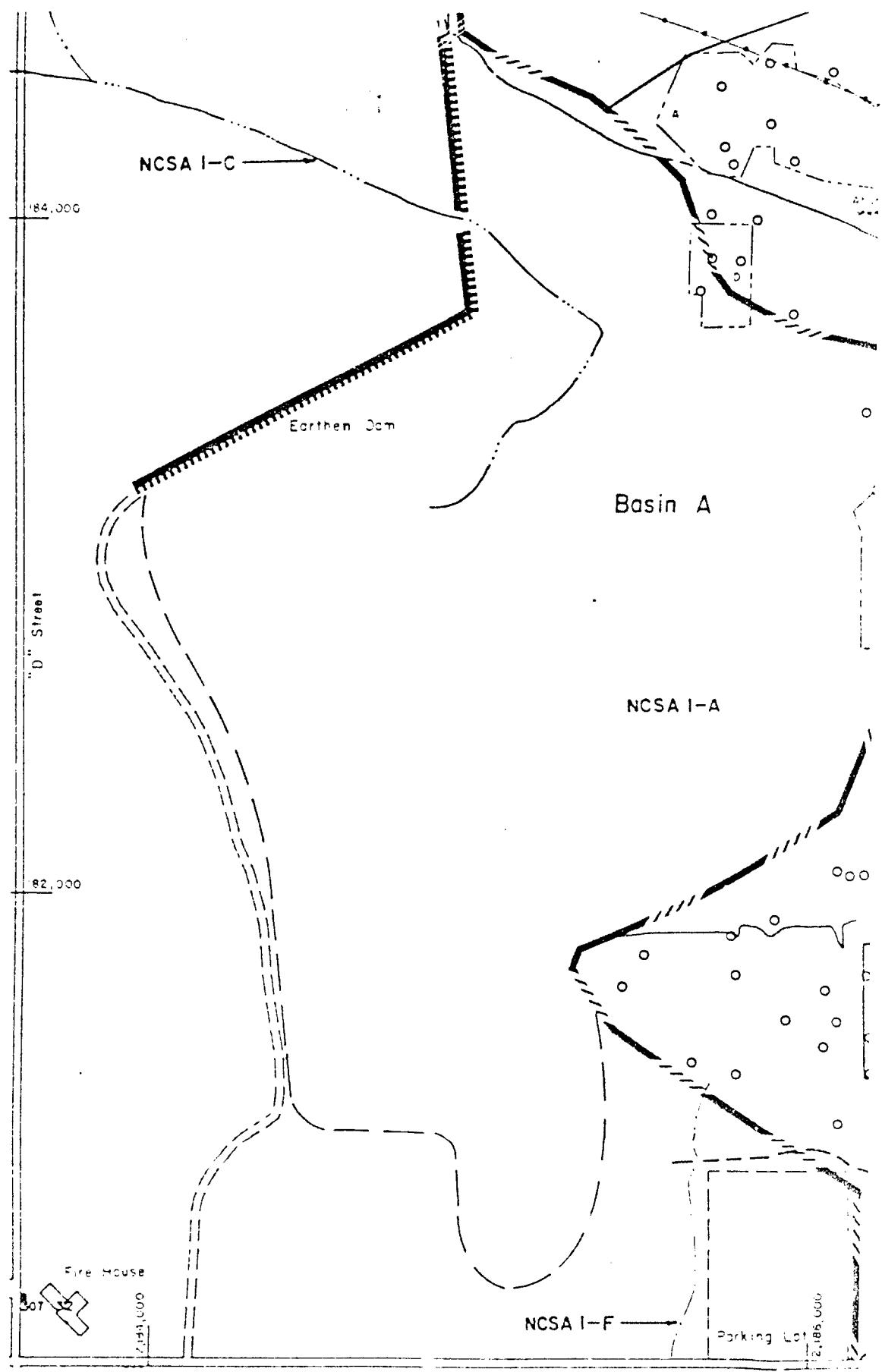
Legend

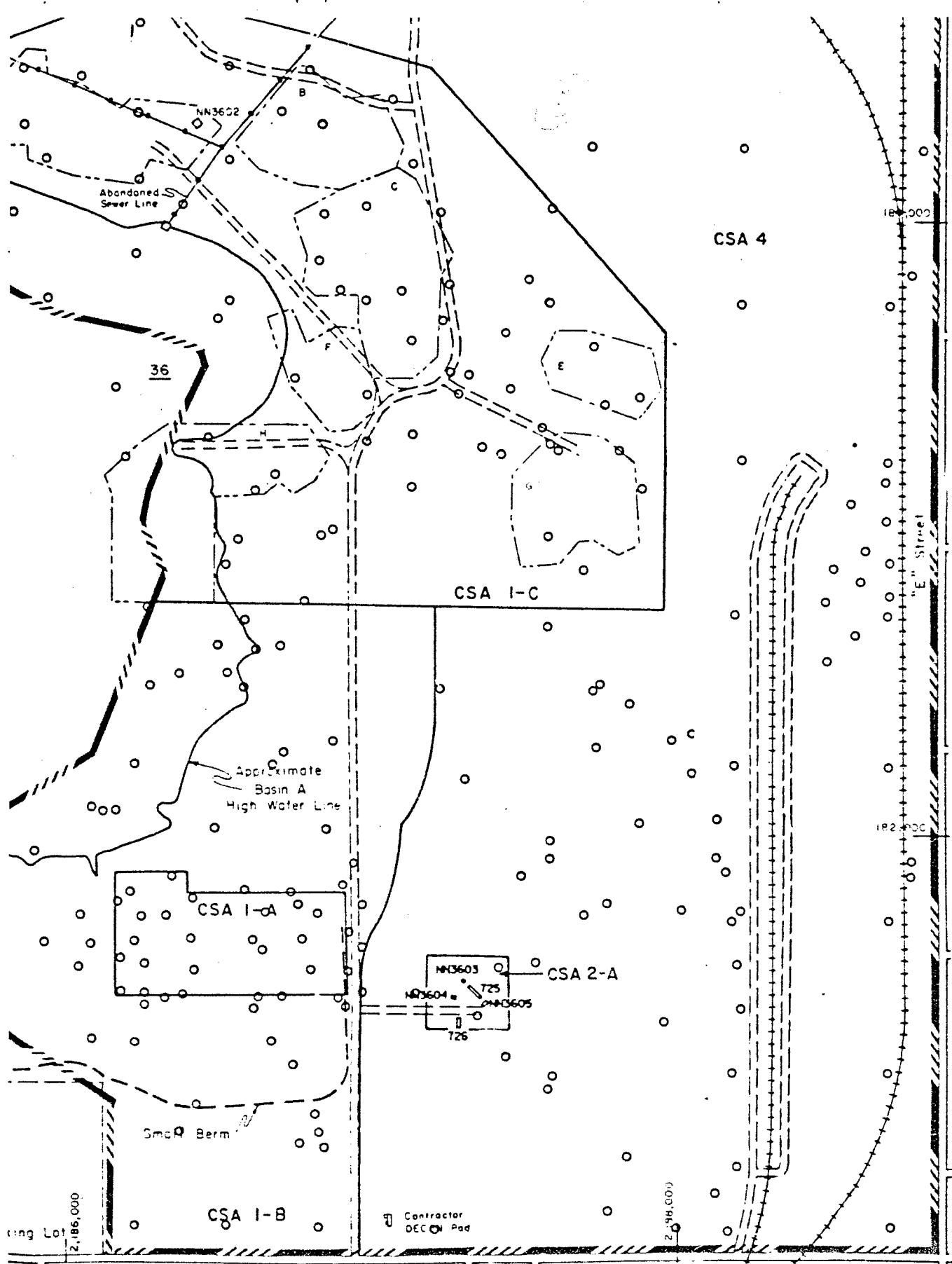
- |                                      |                             |
|--------------------------------------|-----------------------------|
| <u>—</u> Improved road               | <u>—</u> Unimproved road    |
| <u>~</u> Stream or ditch             | <u>○</u> Shore line         |
|                                      | <u>9</u> Section number     |
| <u>186,000</u> State plane grid      | <u>□</u> Structure          |
| <u>←→</u> Railroad tracks            | <u>[ ]</u> Former structure |
| <u>—</u> Central Study Area boundary | <u>—</u> Arsenal boundary   |
| <u>CSA 1-C</u> Site boundary         | <u>----</u> Sanitary sewer  |
| <u>—</u> Geophysical anomaly         | <u>—●—</u> Chemical sewer   |

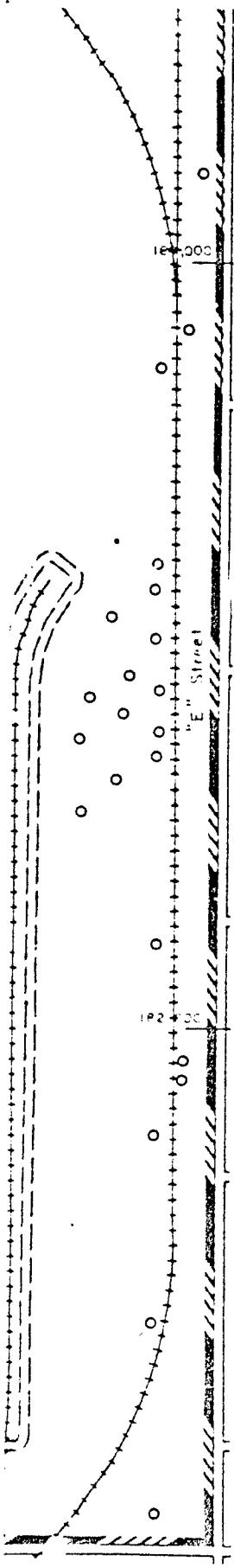


**ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)**

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



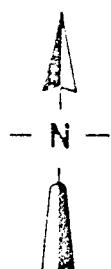


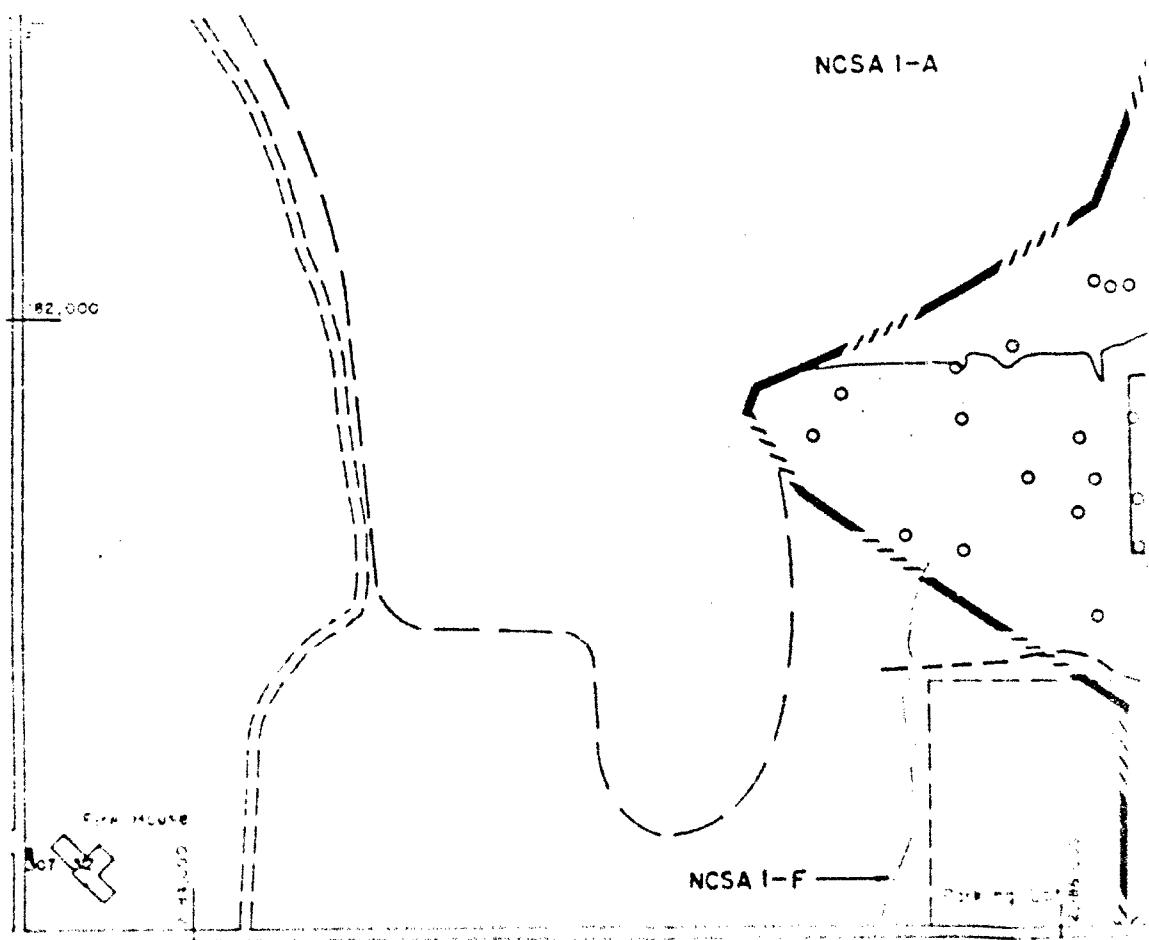


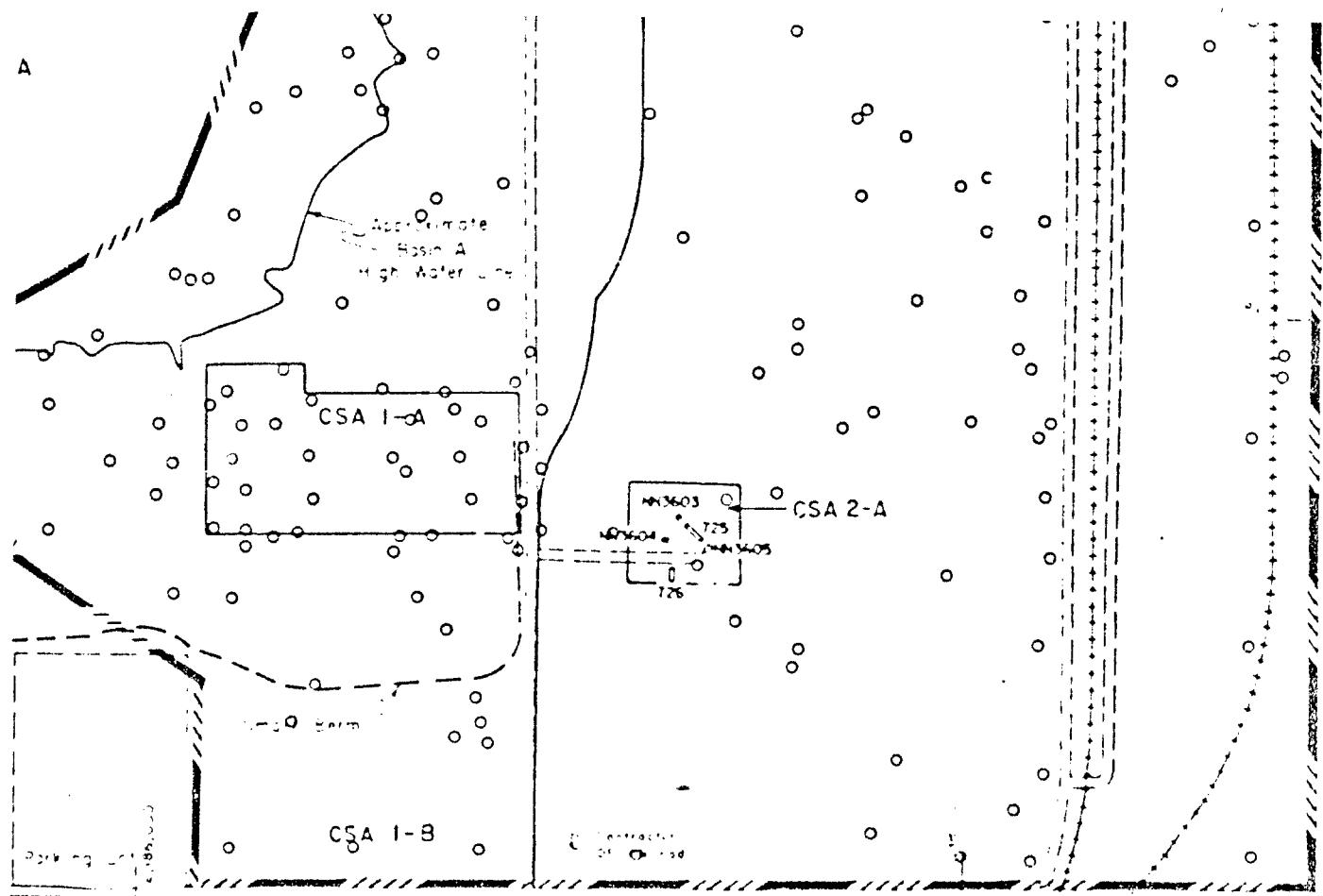
ROCKY MOUNTAIN ARSENAL  
LOCATION

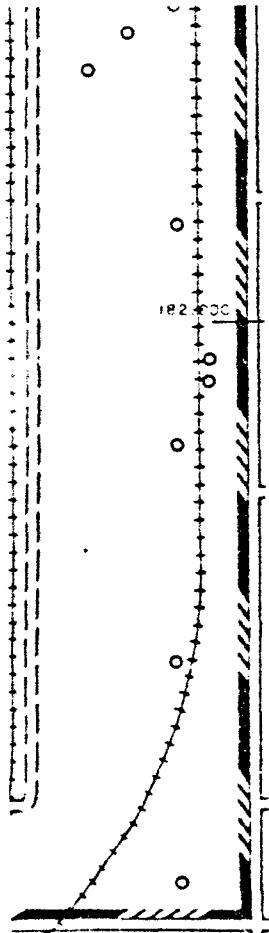
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    |    | 7  | 8  |

1" = 4 MILES





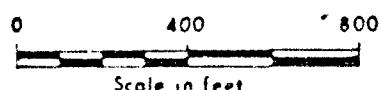




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

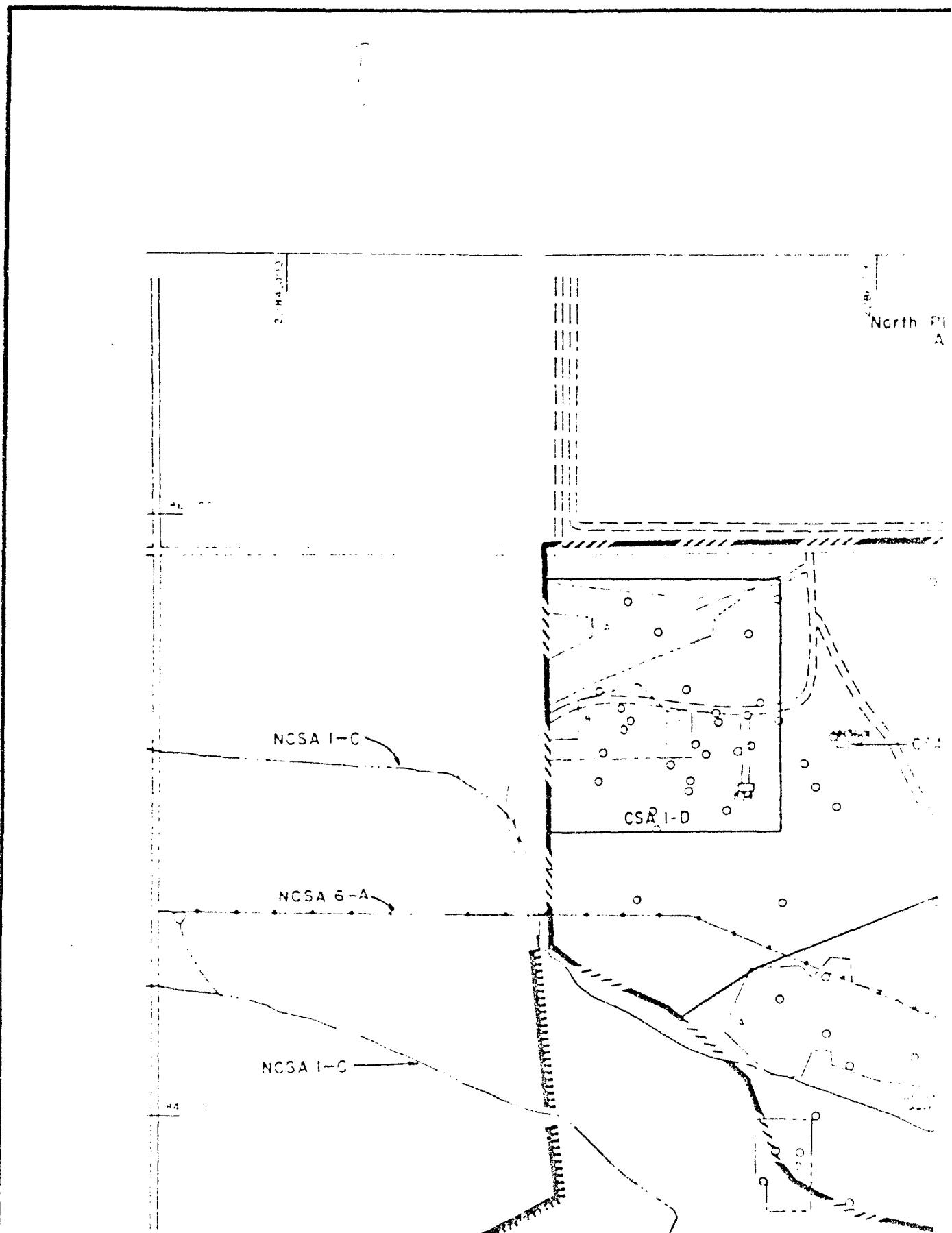


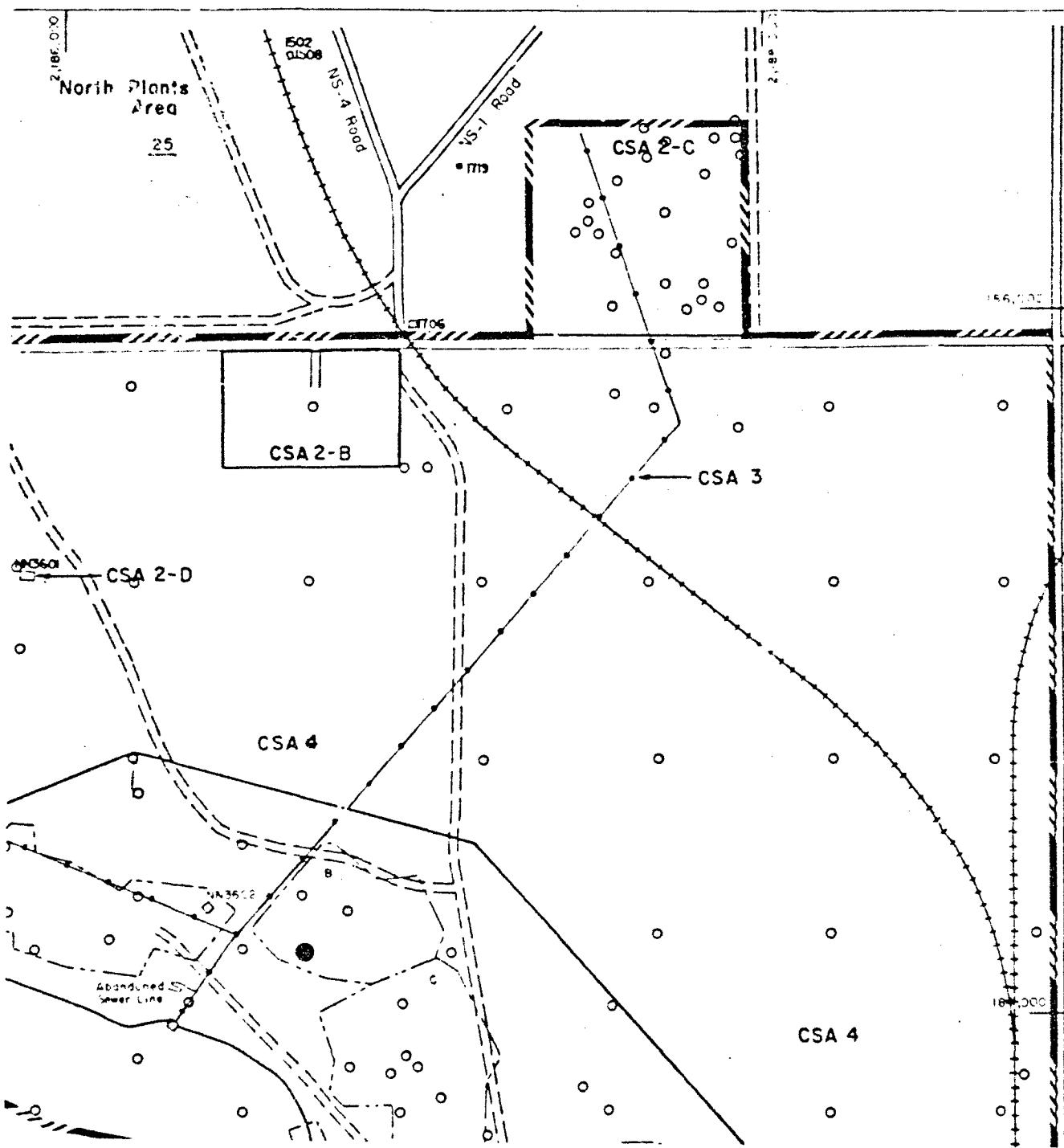
Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-18  
Organosulfur Compounds  
Mustard Agent Related  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



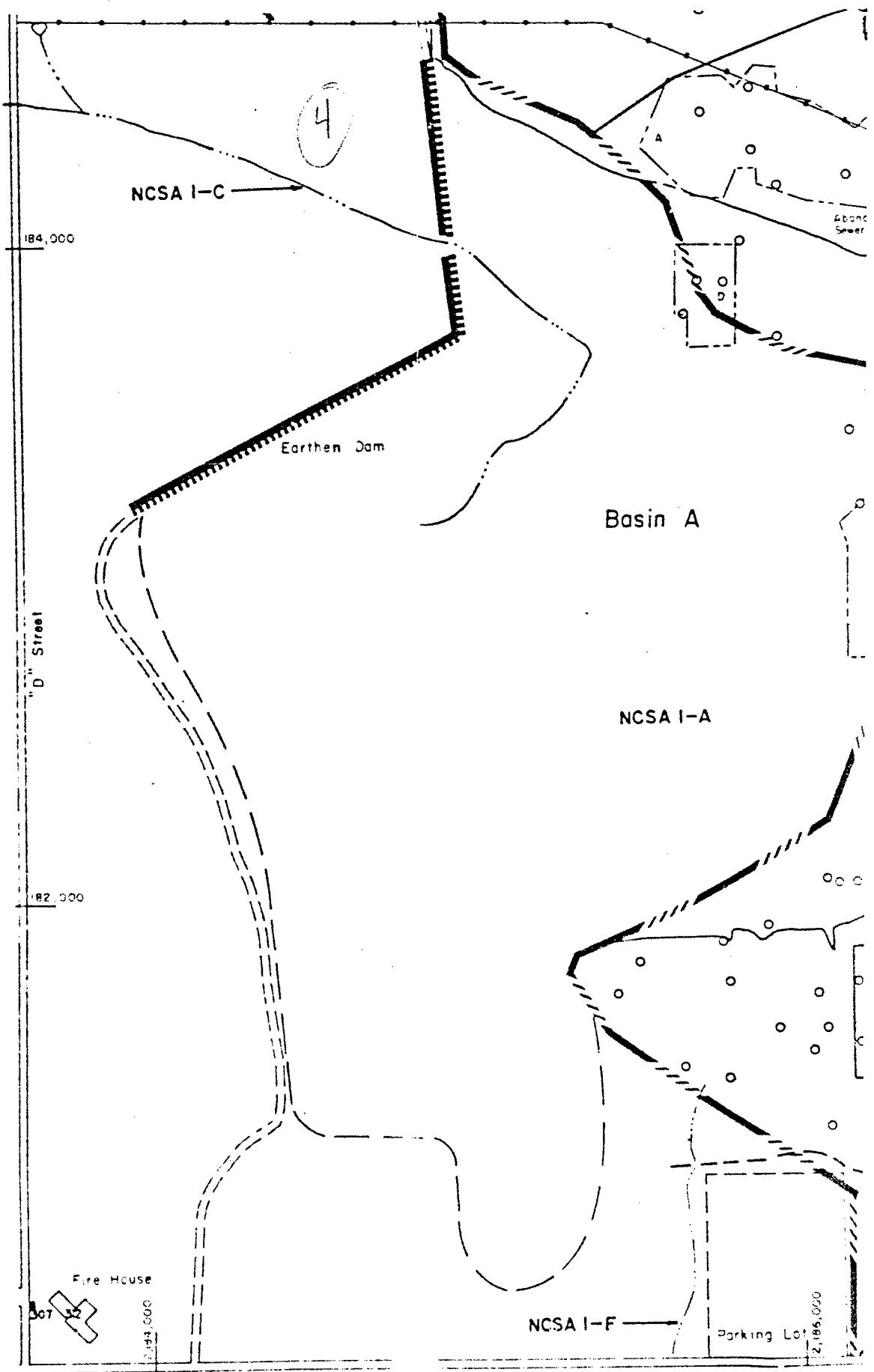


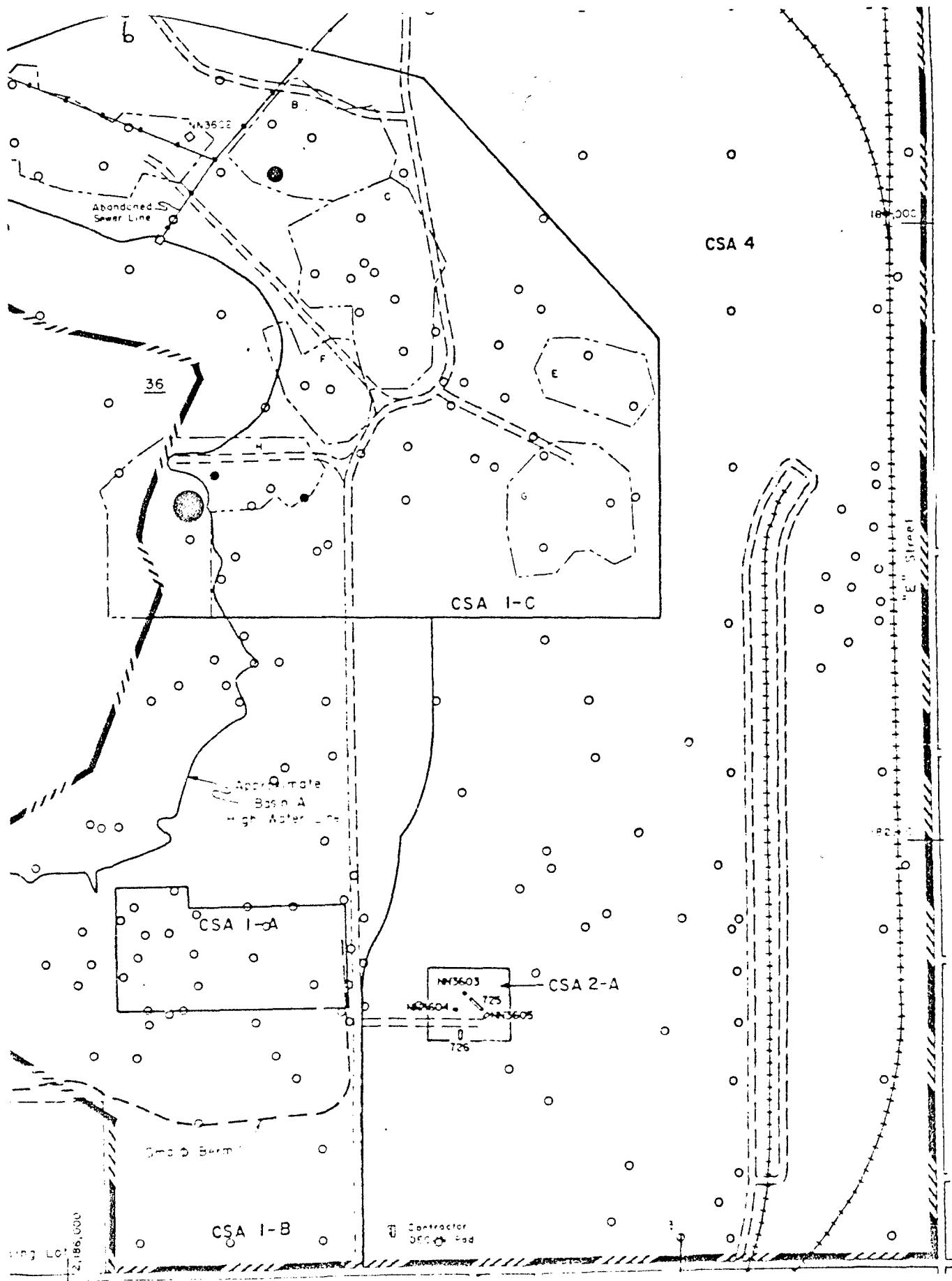
Legend

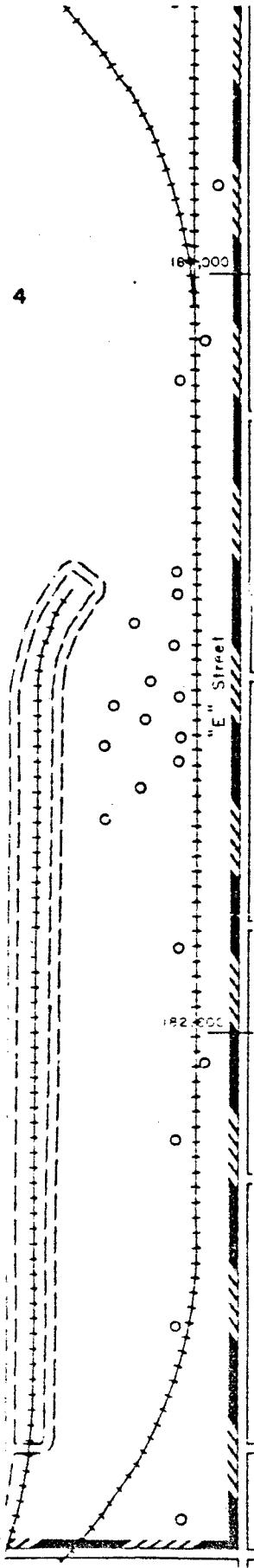
- |                                        |                             |
|----------------------------------------|-----------------------------|
| <u>=====</u> Improved road             | <u>====</u> Unimproved road |
| <u>~----</u> Stream or ditch           | <u>○</u> Shore line         |
|                                        | <u>9</u> Section number     |
| <u>186,000</u> State plane grid        | <u>□</u> Structure          |
| <u>→→</u> Railroad tracks              | <u>[ ]</u> Former structure |
| <u>—--</u> Central Study Area boundary | <u>—-</u> Arsenal boundary  |
| <u>CSA 1-C</u> Site boundary           | <u>-----</u> Sanitary sewer |
| <u>—B</u> Geophysical anomaly          | <u>—C</u> Chemical sewer    |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- ◎ 1.0 - 10
- 10 - 100
- >100





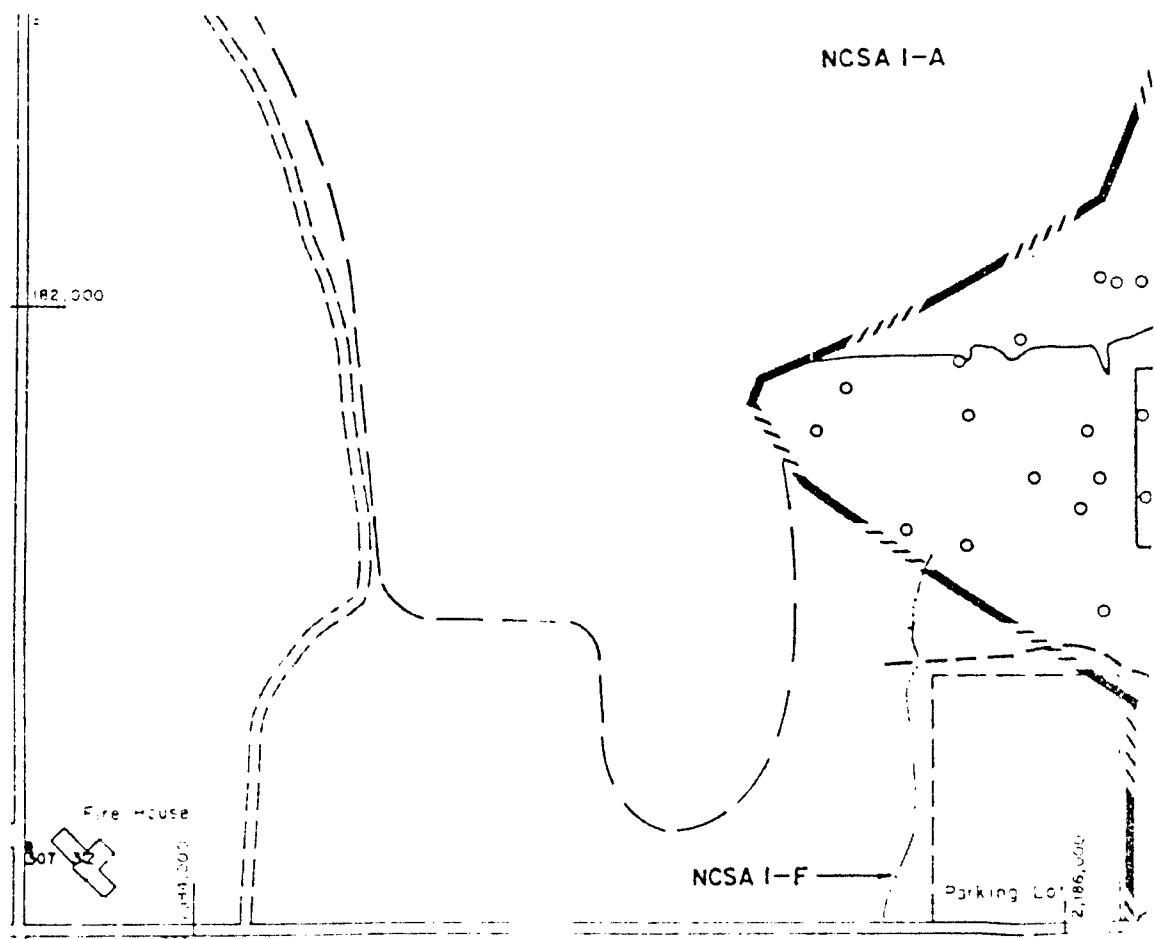


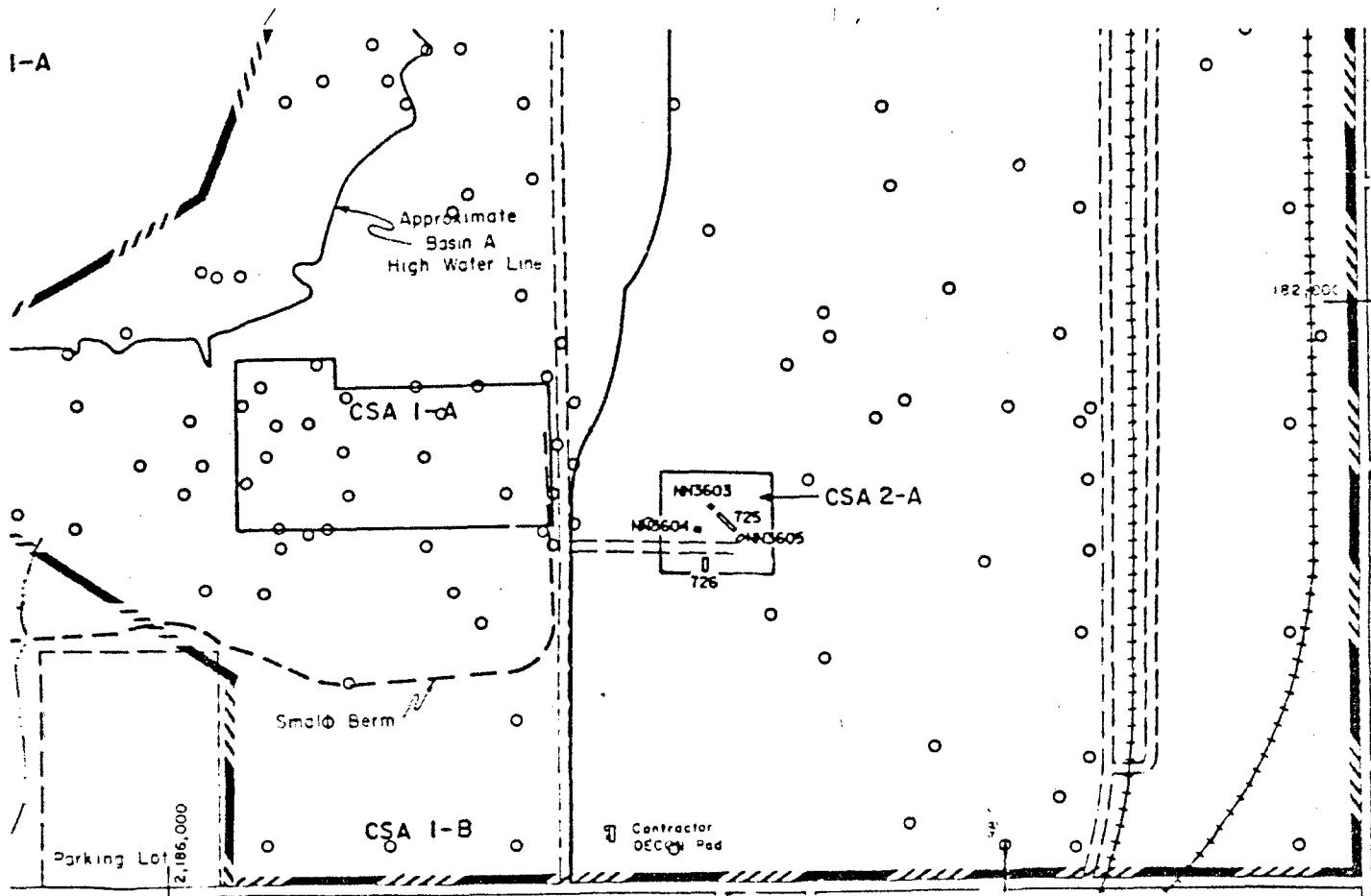
ROCKY MOUNTAIN ARSENAL  
LOCATION

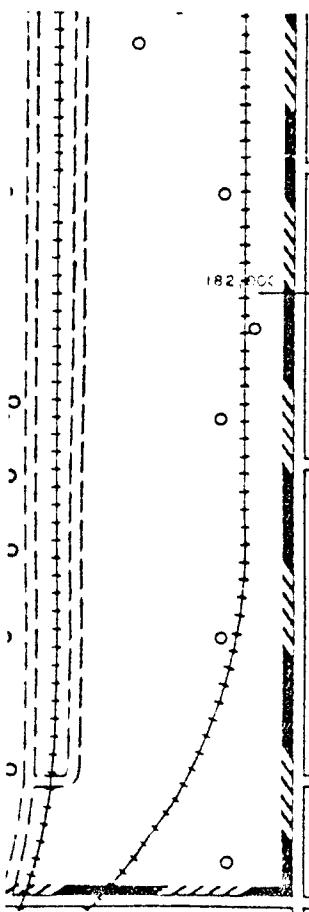
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |
|    |    |    |    | 8  |

1" = 4 MILES





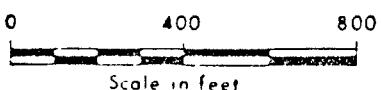
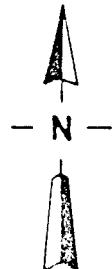




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 12 | 7  | 8  |

1" = 4 MILES

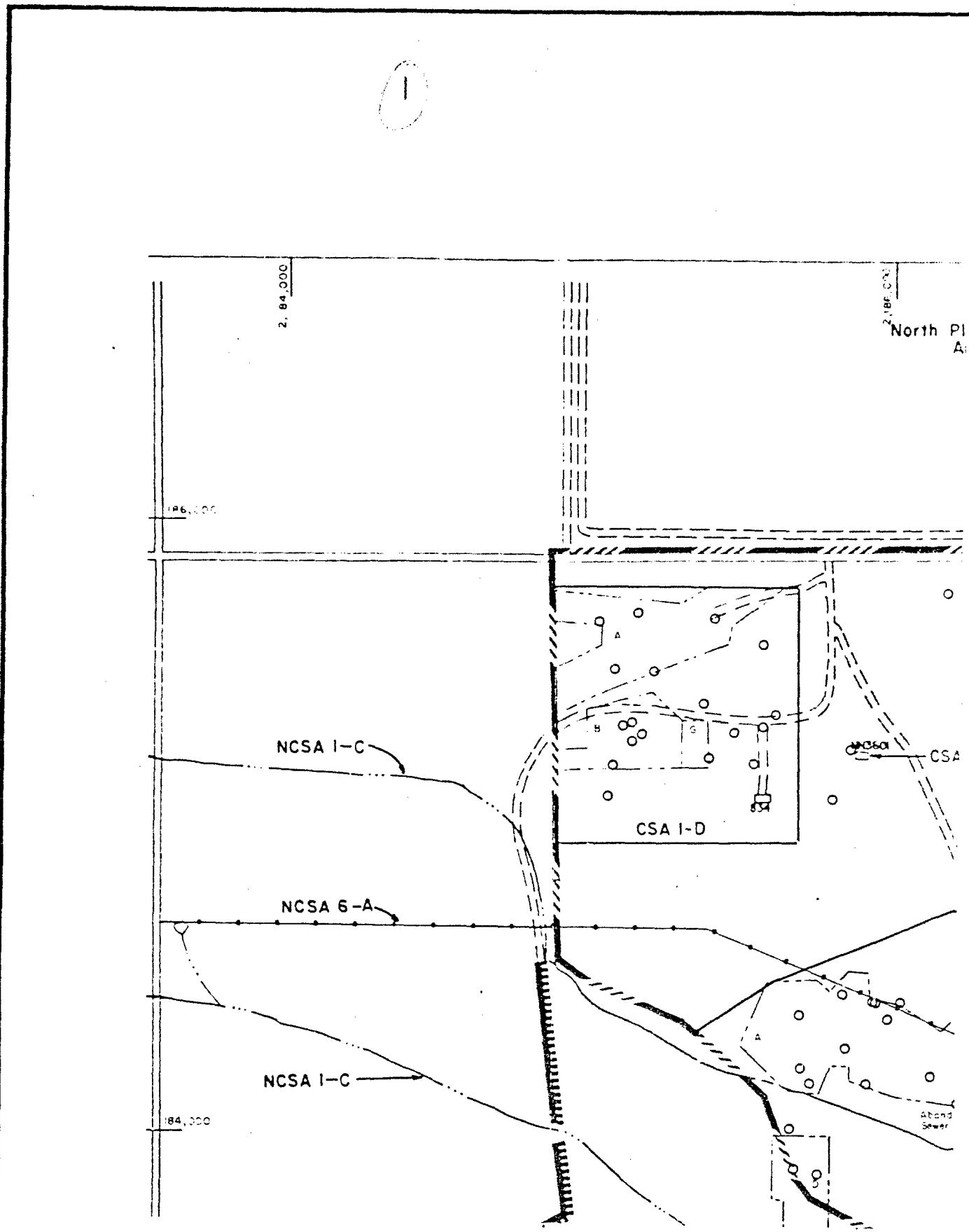


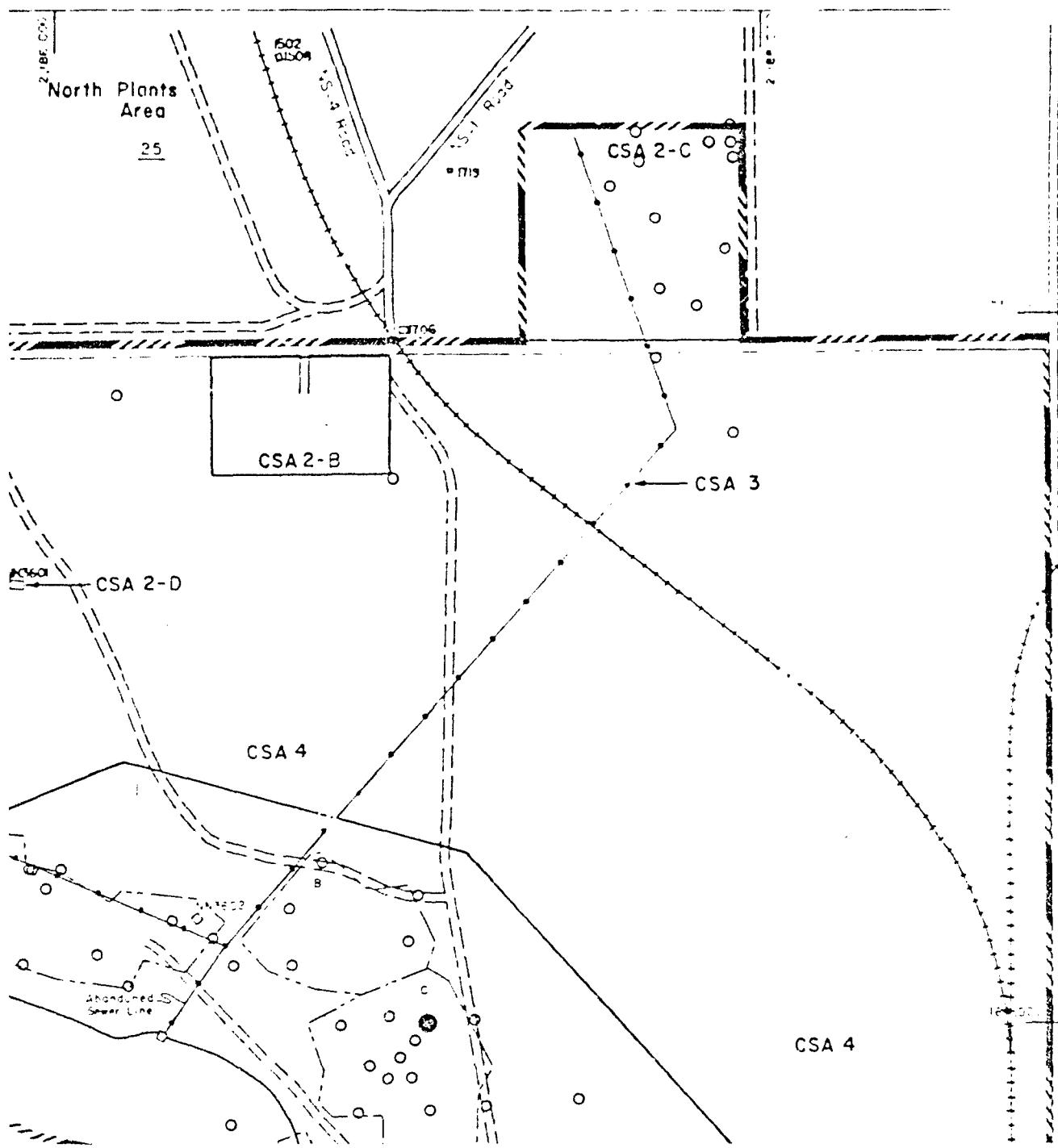
Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-19  
Organosulfur Compounds  
Mustard Agent Related  
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



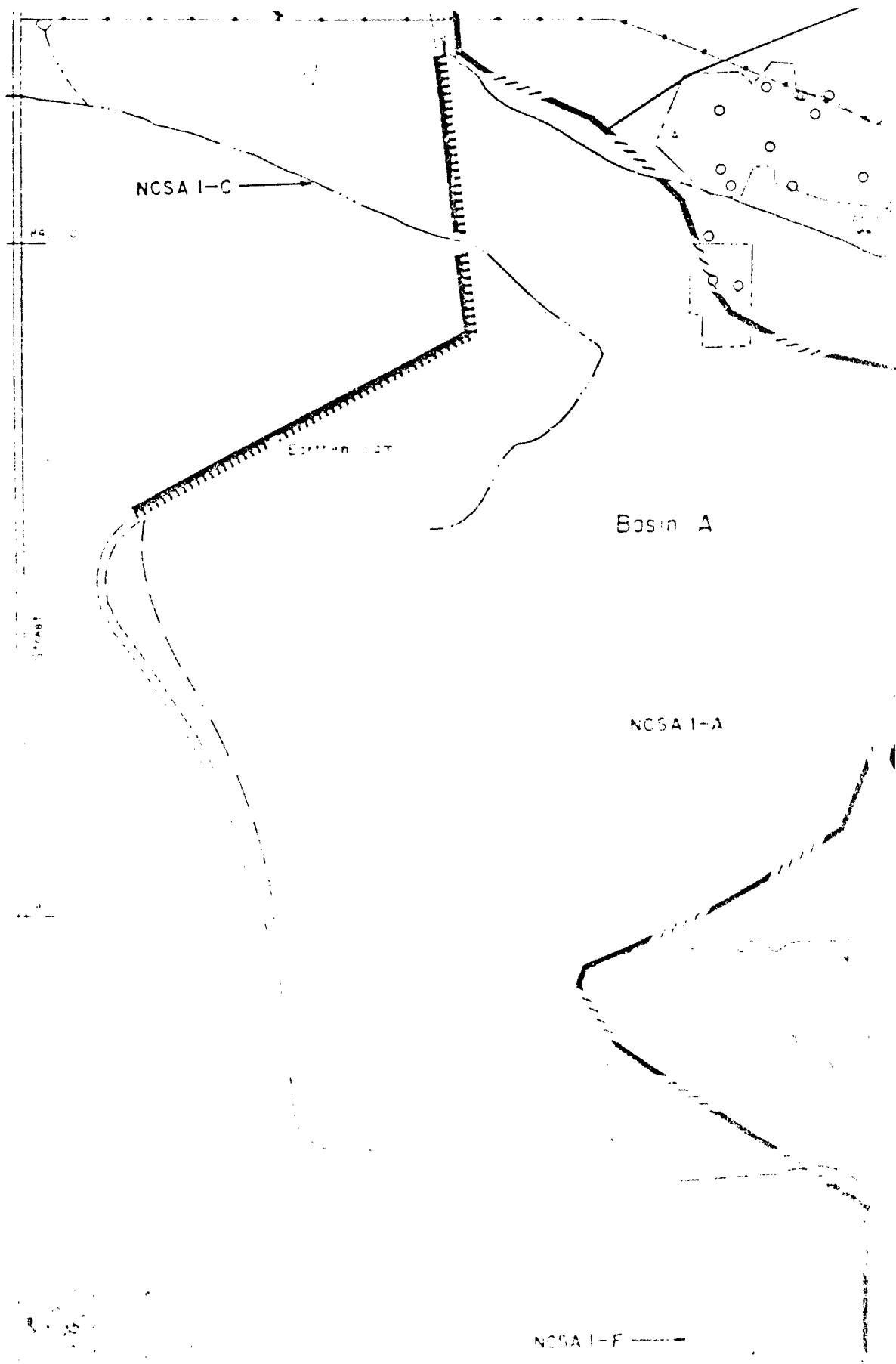


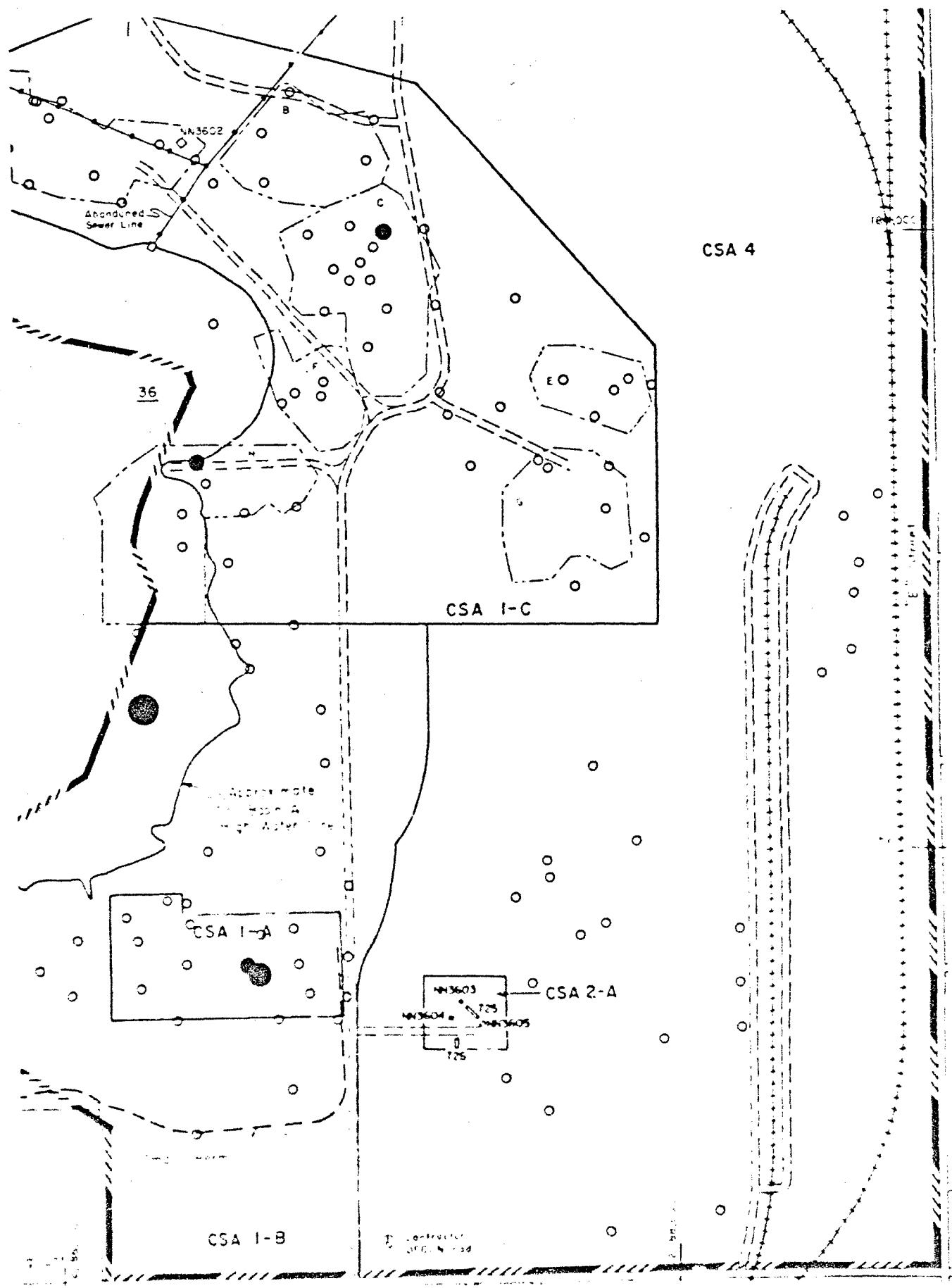
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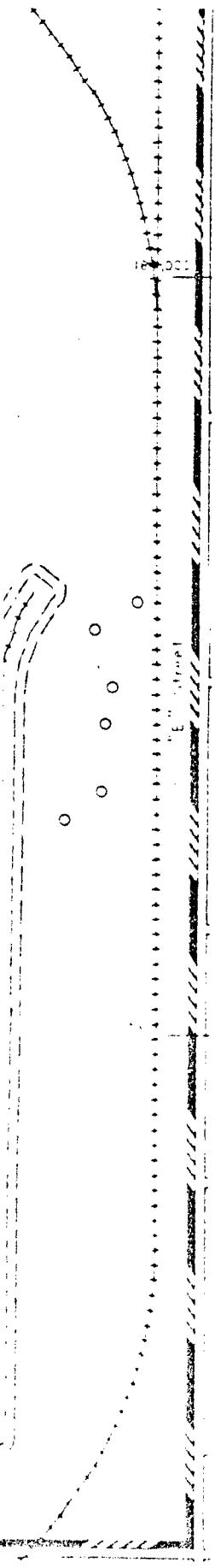
|                                      |                            |
|--------------------------------------|----------------------------|
| <u>—</u> Improved road               | <u>—</u> Unimproved road   |
| <u>~~~~~</u> Stream or ditch         | <u>○</u> Shore line        |
| <u>9</u>                             | Section number             |
| <u>186,000</u> State plane grid      | <u>□</u> Structure         |
| <u>→</u> Railroad tracks             | <u>□</u> Former structure  |
| <u>—</u> Central Study Area boundary | <u>—</u> Arsenal boundary  |
| <u>CSA I-C</u> Site boundary         | <u>----</u> Sanitary sewer |
| <u>—</u> Geophysical anomaly         | <u>—</u> Chemical sewer    |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

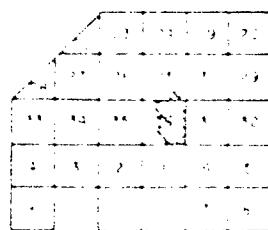
- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100





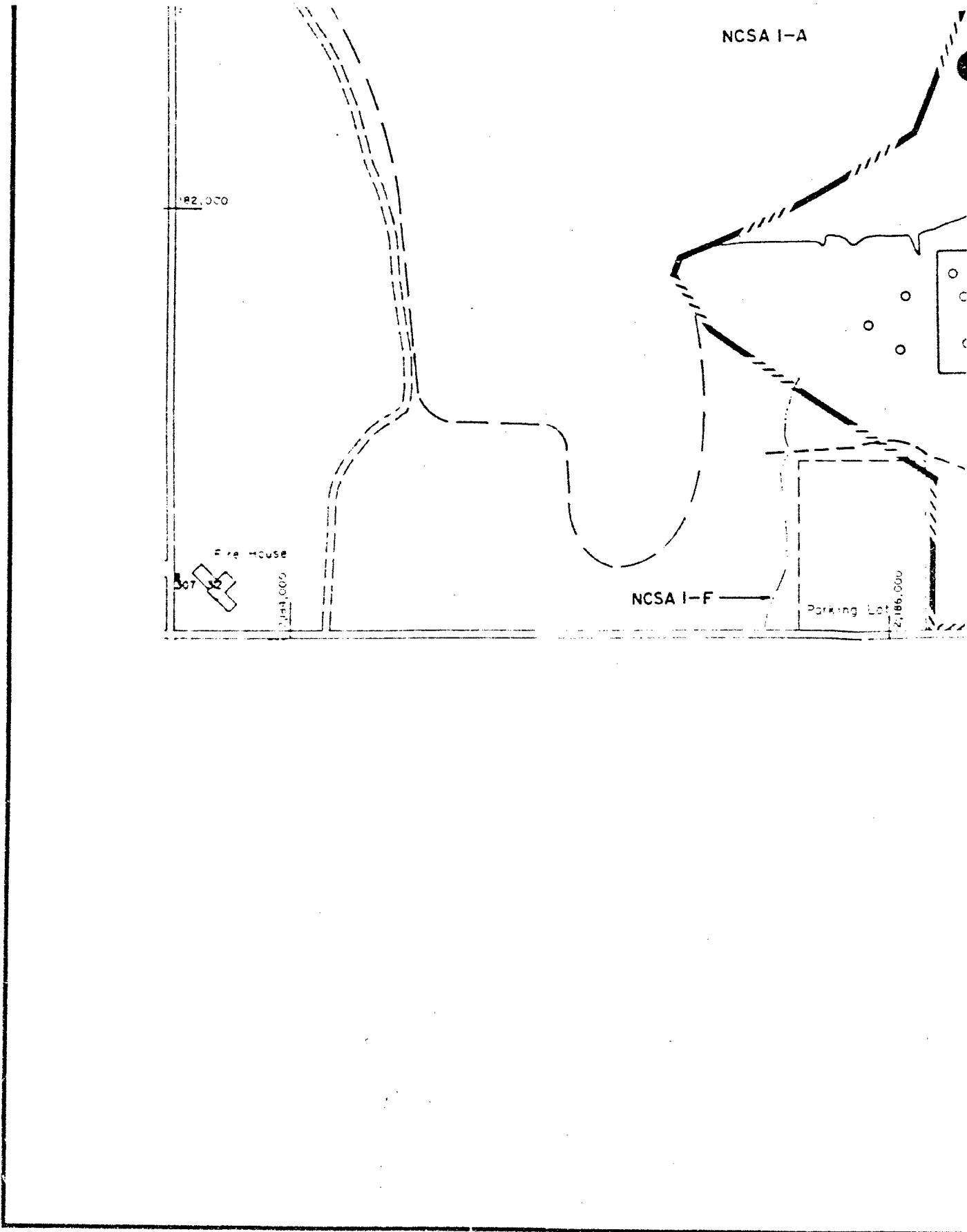


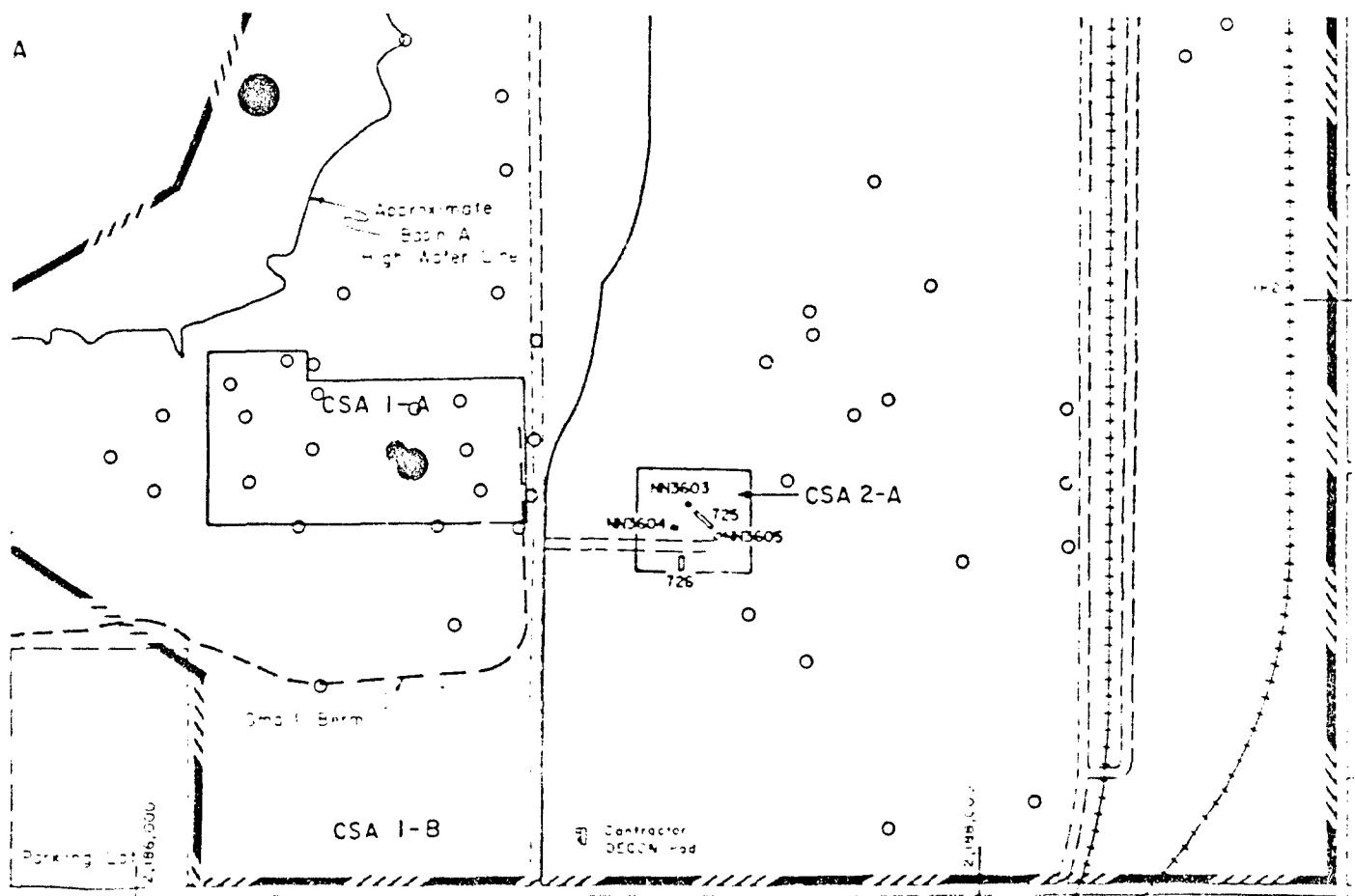
ROCKY MOUNTAIN ARSENAL  
LOCATION

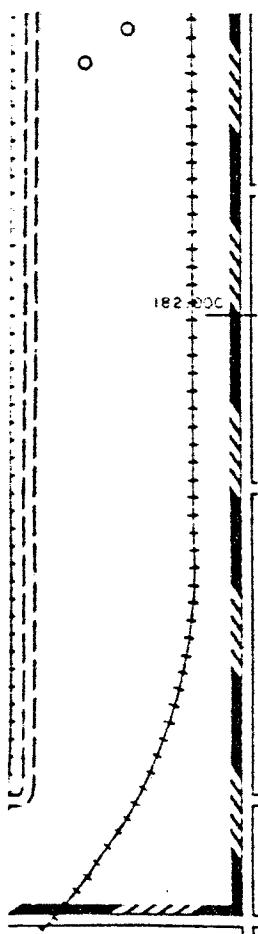


1" = 4 MILES





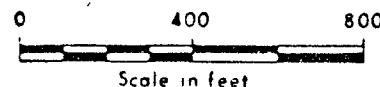
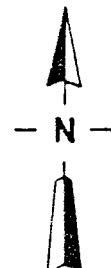




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

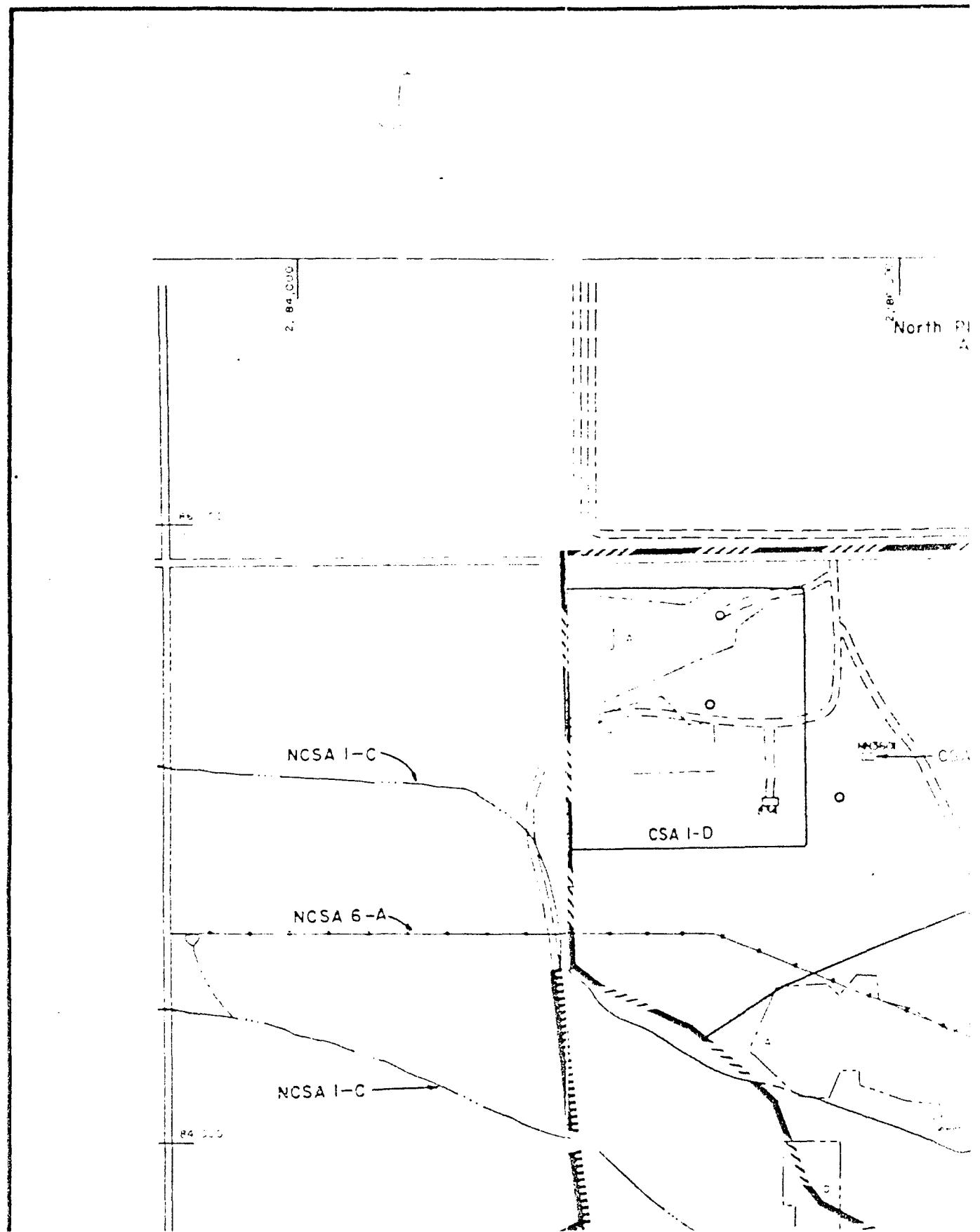


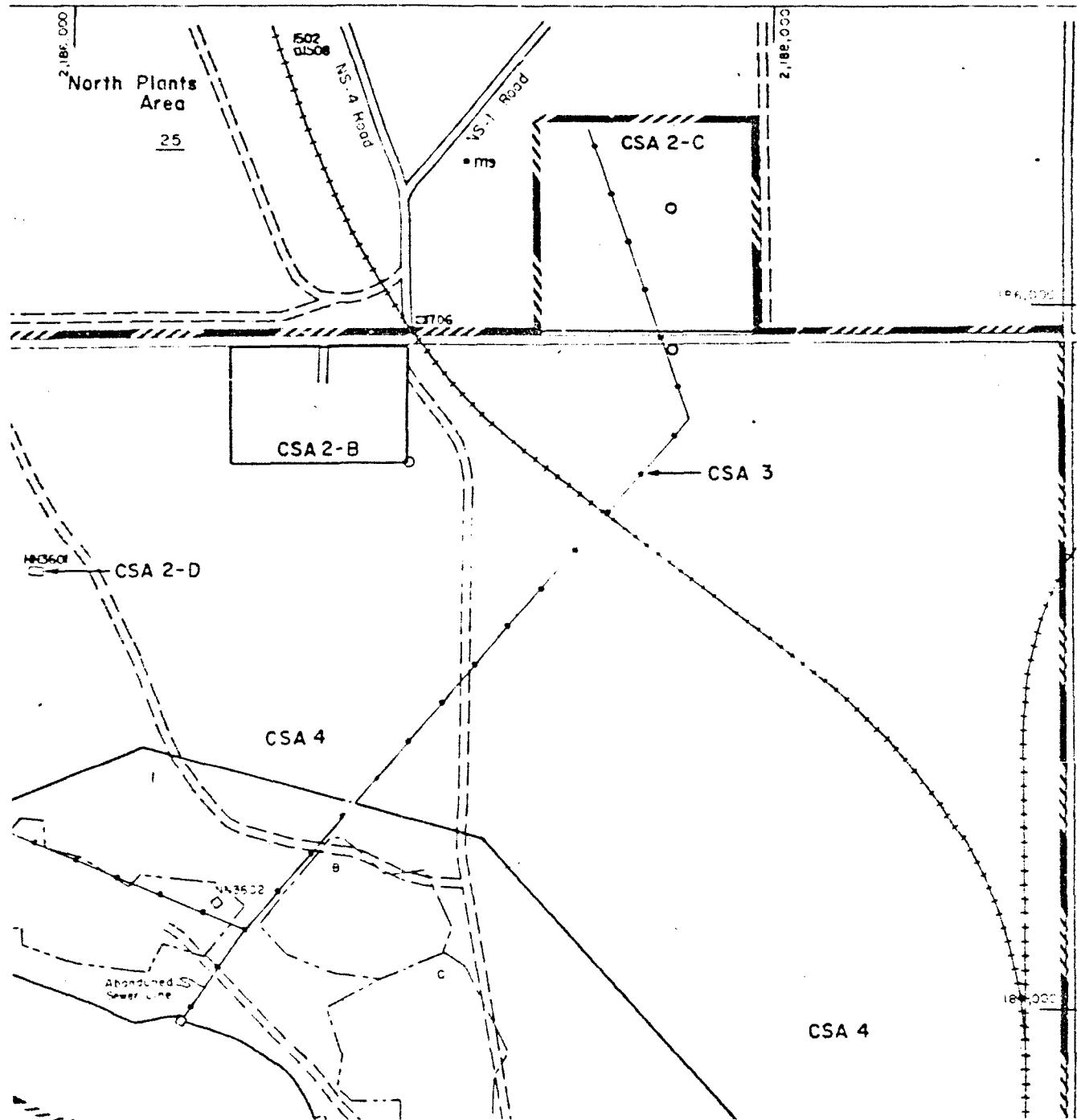
Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-20  
Organosulfur Compounds  
Mustard Agent Related  
in Soils in the 5-20ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



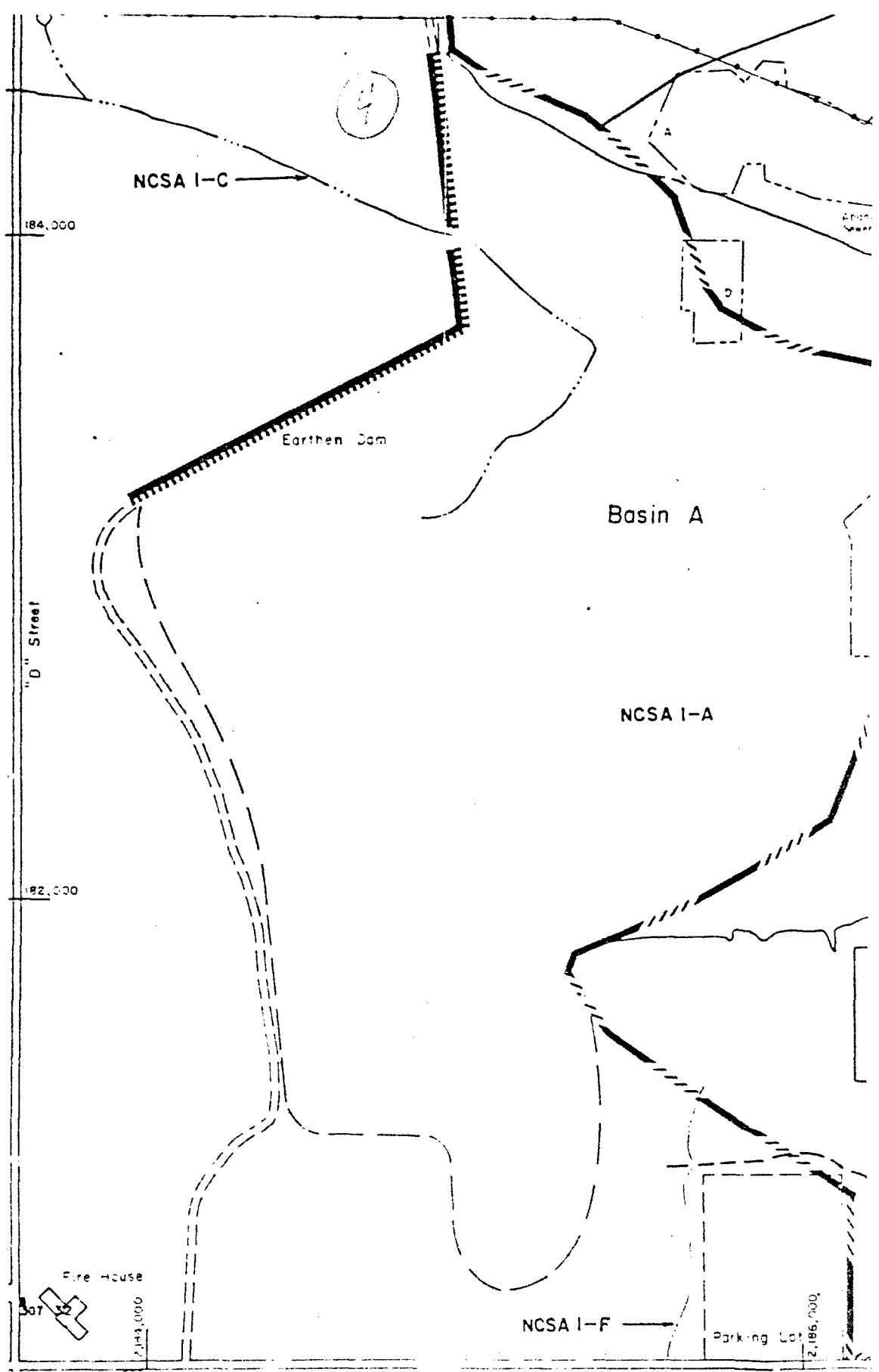


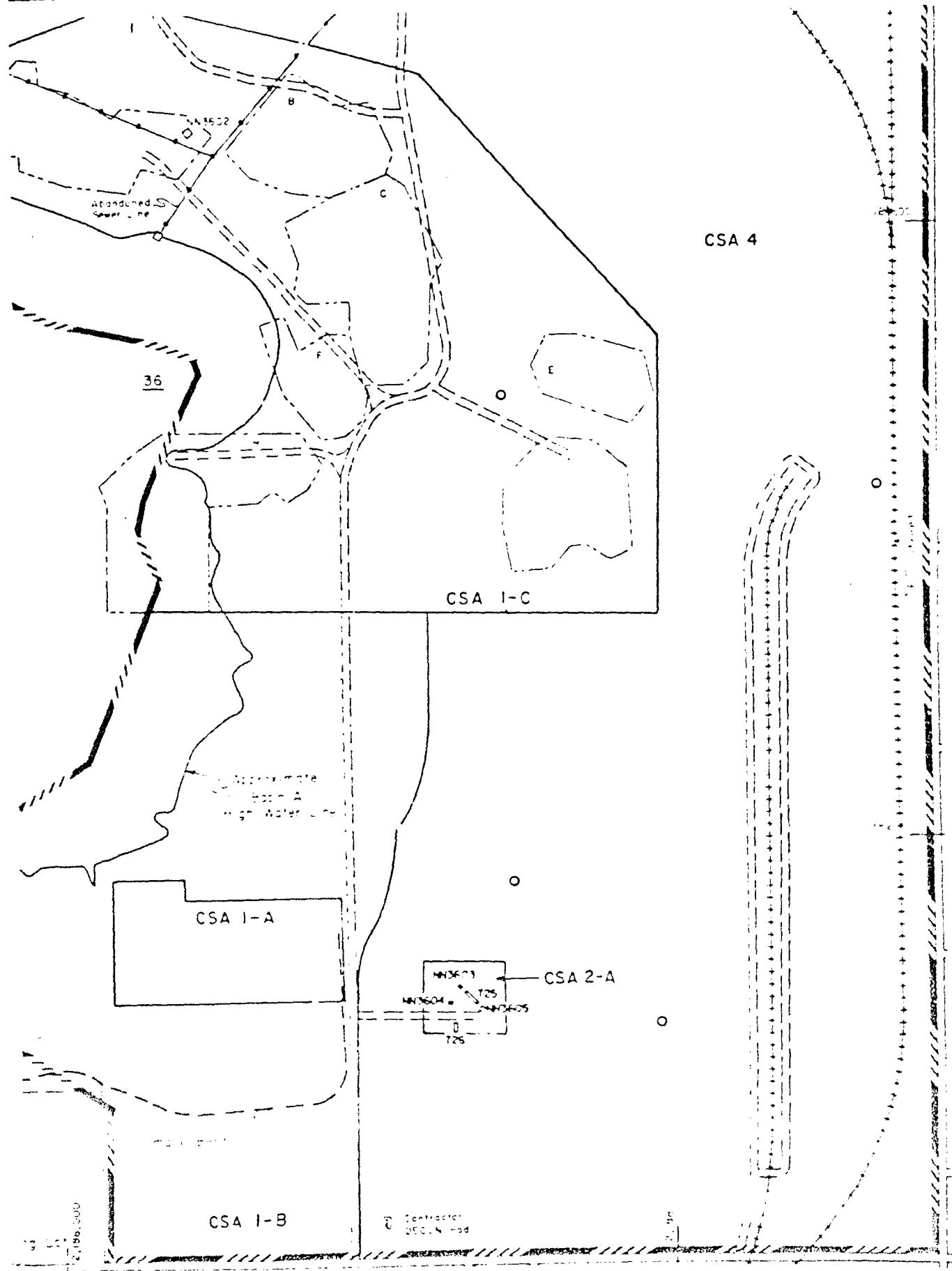
Legend

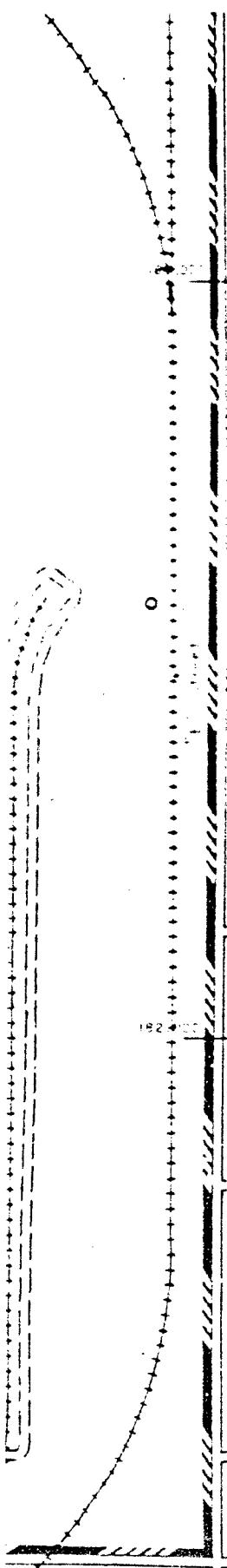
|                                               |                                            |
|-----------------------------------------------|--------------------------------------------|
| <u>—</u> <u>—</u> Improved road               | <u>—</u> <u>—</u> <u>—</u> Unimproved road |
| <u>~</u> <u>—</u> Stream or ditch             | <u>○</u> Shore line                        |
|                                               | <u>—</u> <u>g</u> Section number           |
| <u>106.000</u> State plane grid               | <u>□</u> Structure                         |
| <u>→</u> <u>→</u> Railroad tracks             | <u>□</u> <u>—</u> Former structure         |
| <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary         |
| <u>CSA I-C</u> Site boundary                  | <u>—</u> <u>—</u> Sanitary sewer           |
| <u>—</u> <u>—</u> B Geophysical anomaly       | <u>—</u> <u>—</u> Chemical sewer           |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



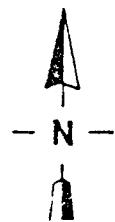




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

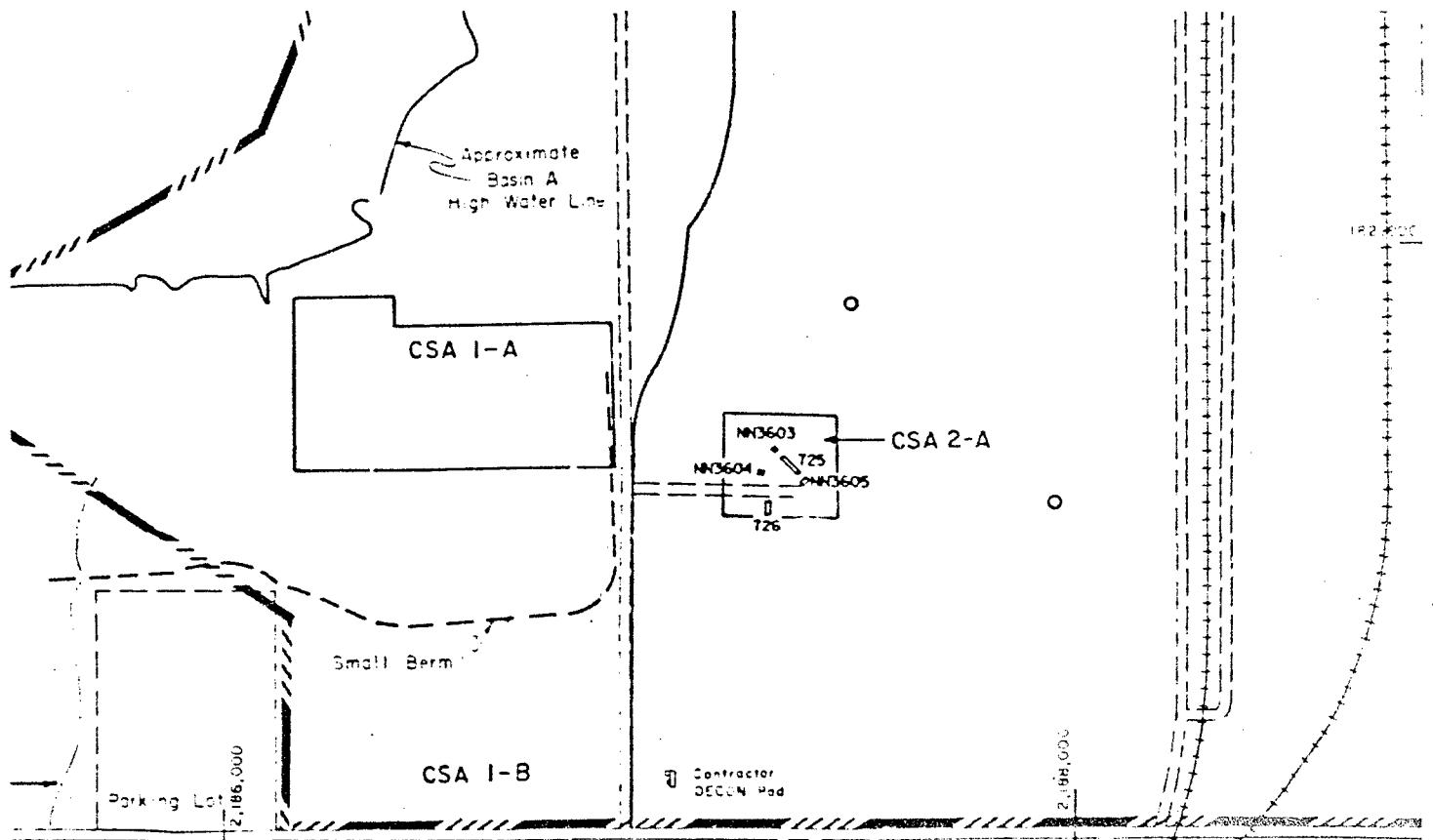


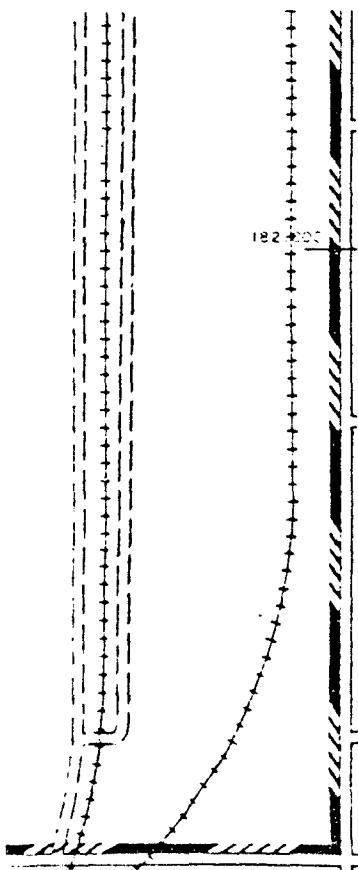
NCSA I-A

PZ, 30

Fire alarm

NCSA I-F

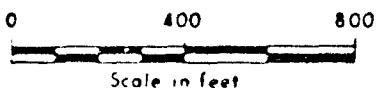
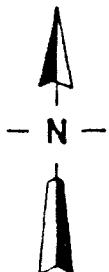




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



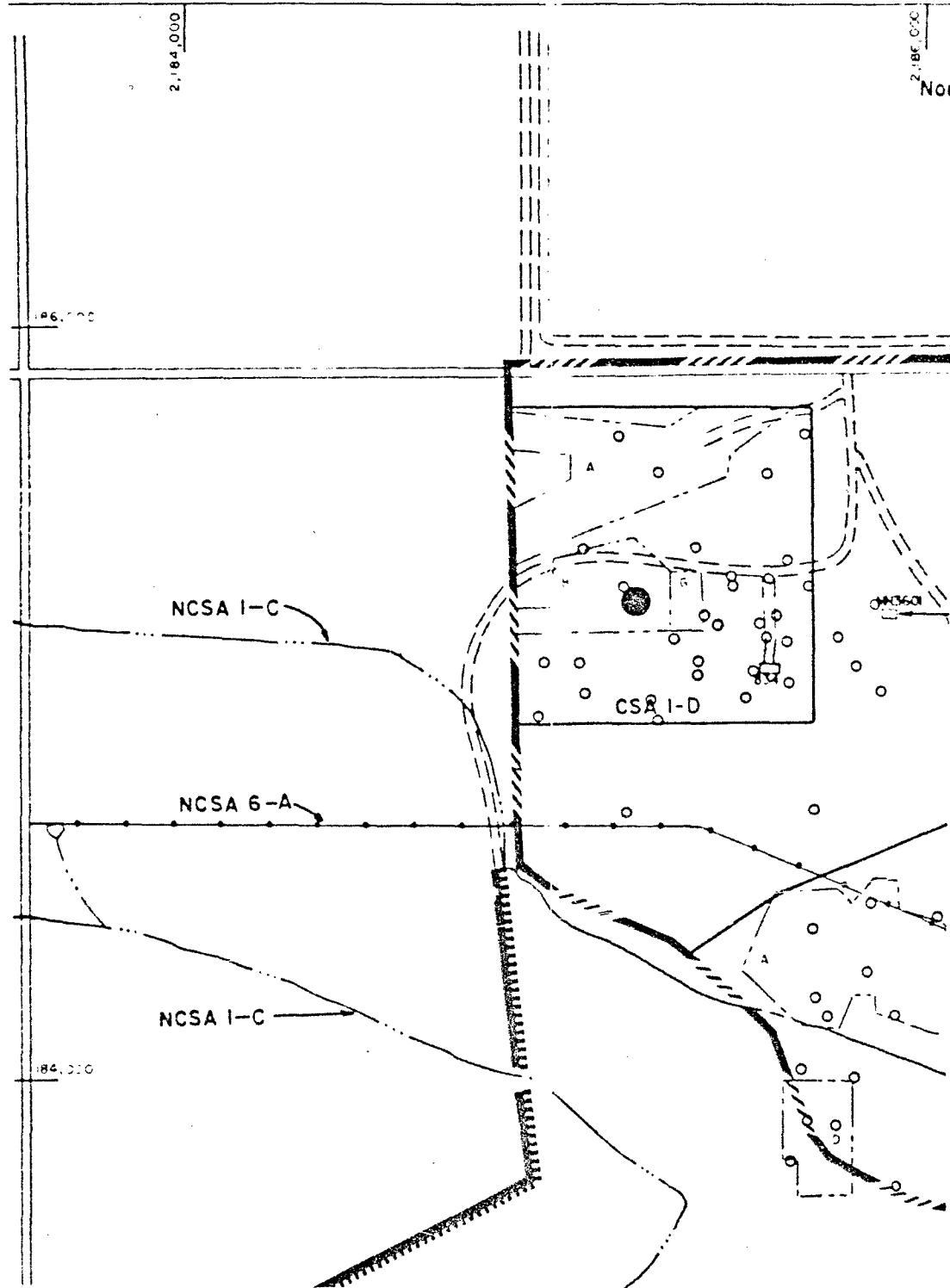
Prepared for:

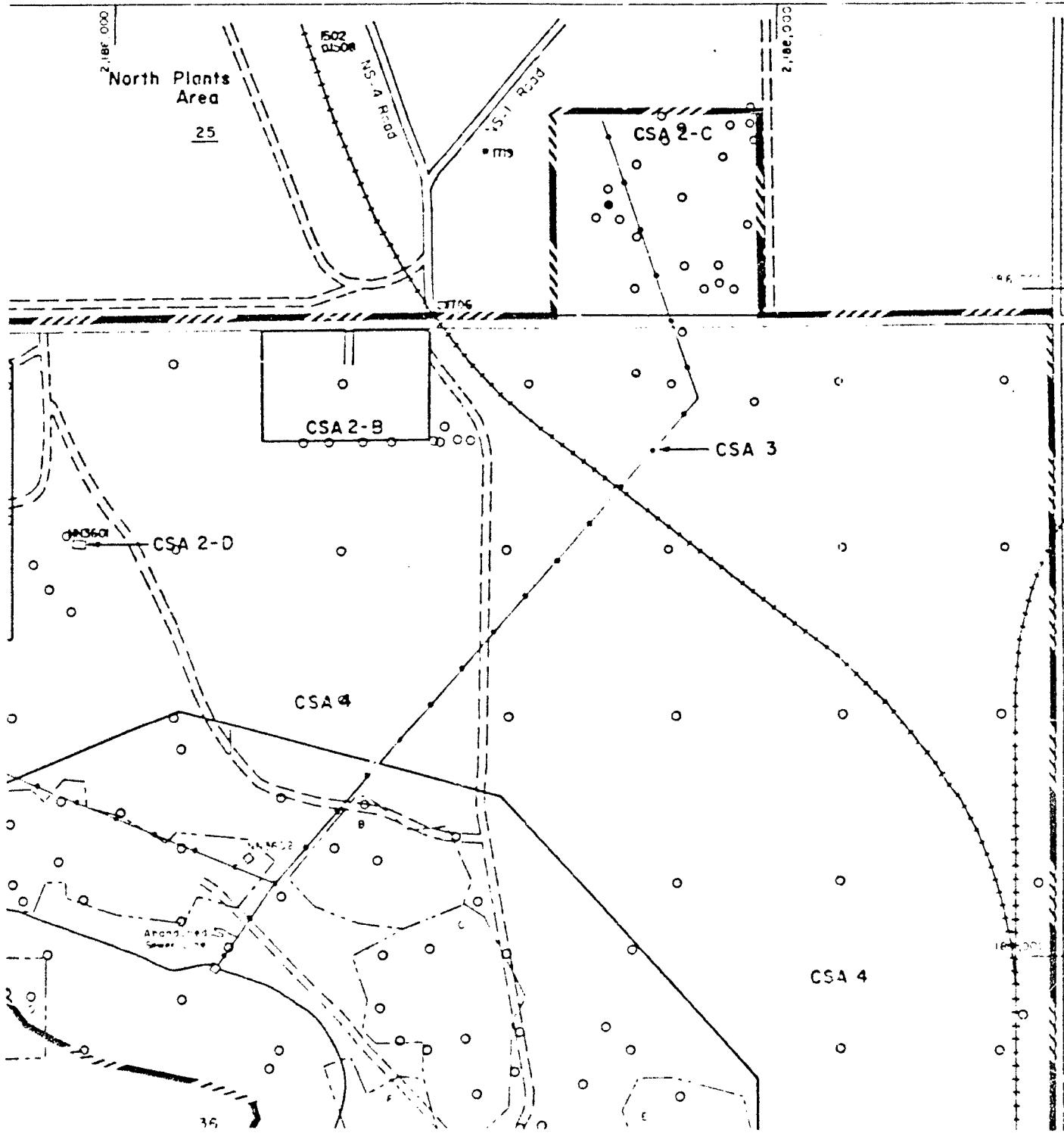
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

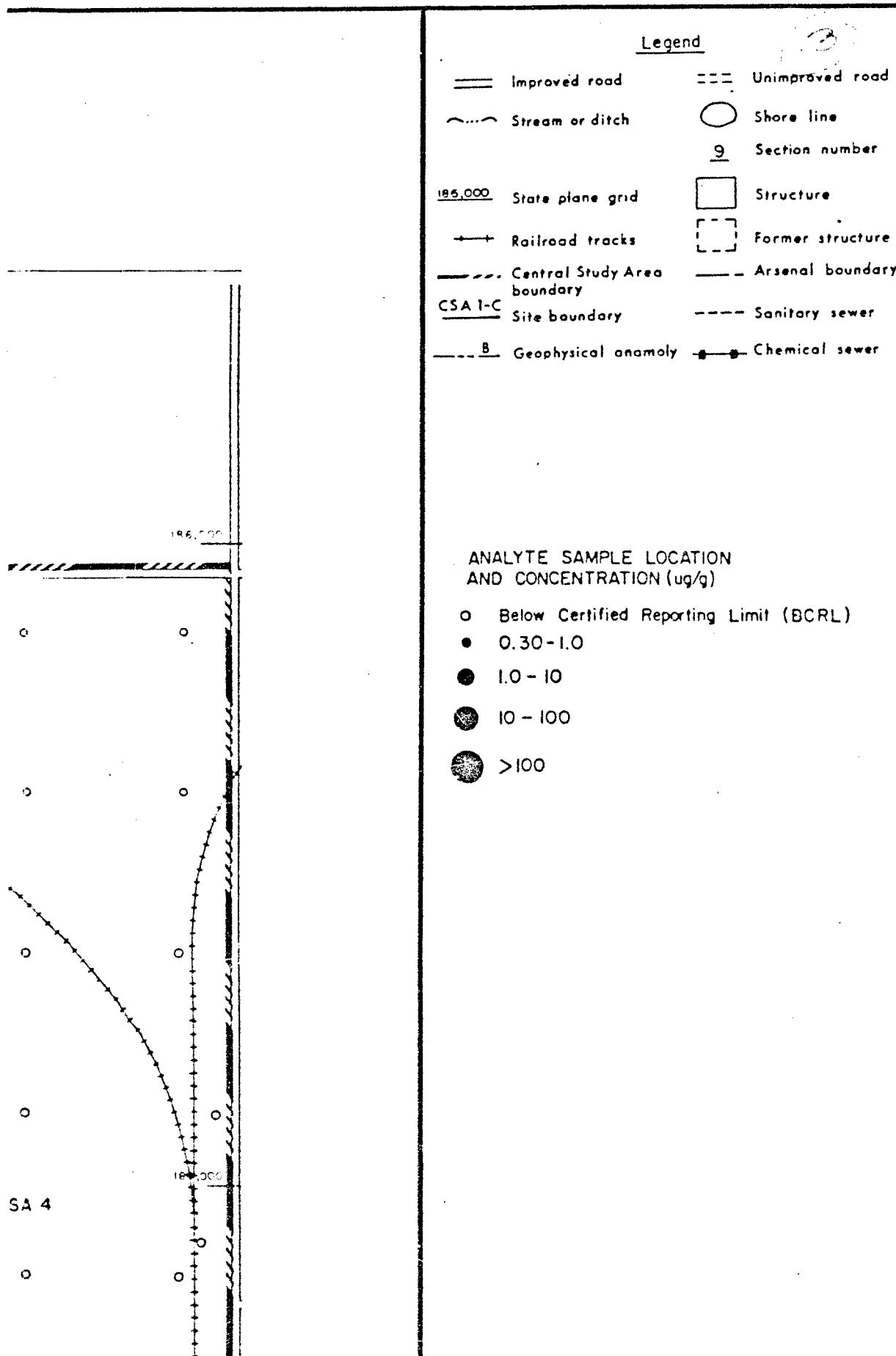
PLATE CSA 2.1-21  
Organosulfur Compounds  
Mustard Agent Related  
in Soils in the > 20 ft. Interval

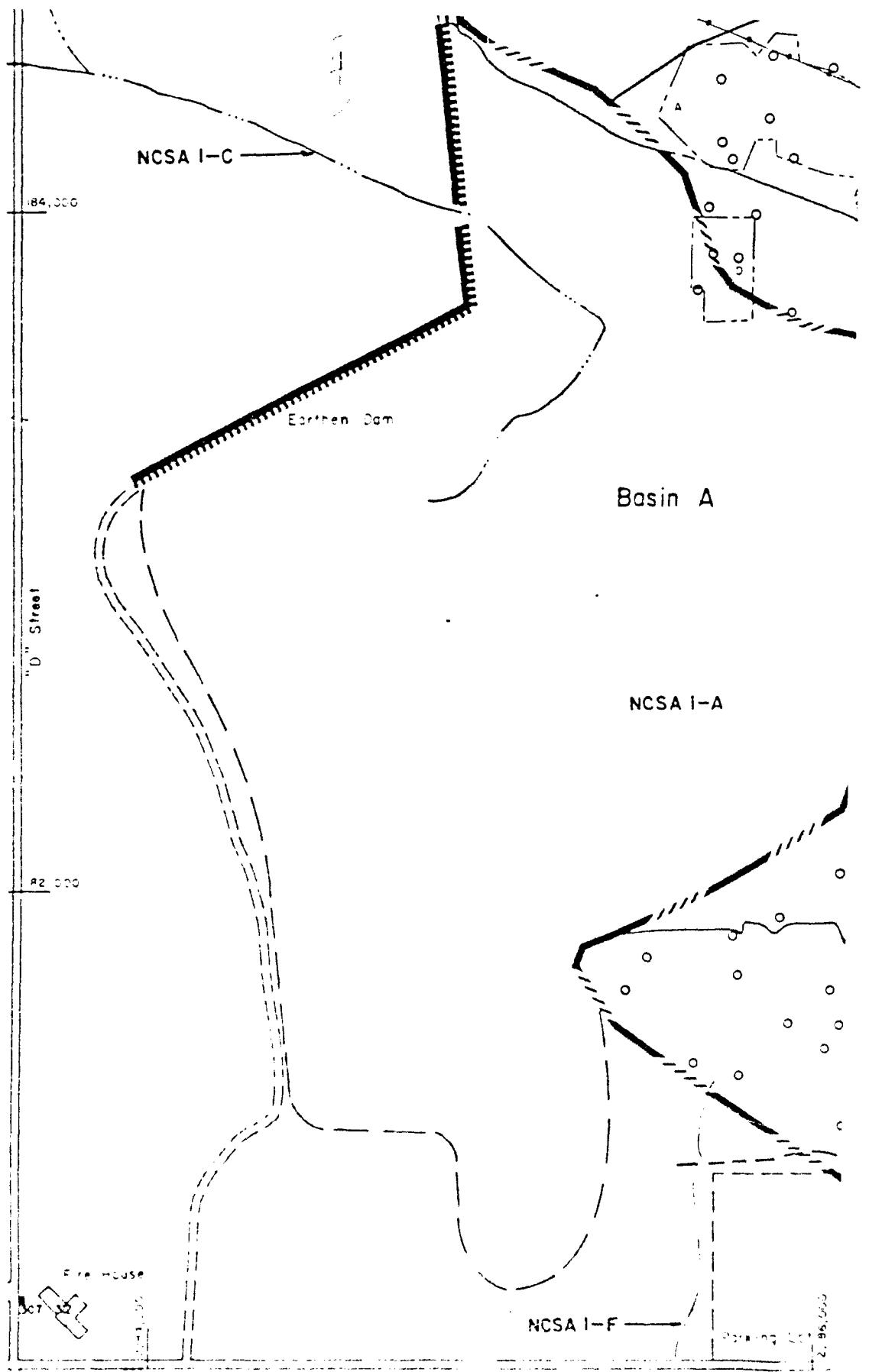
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated

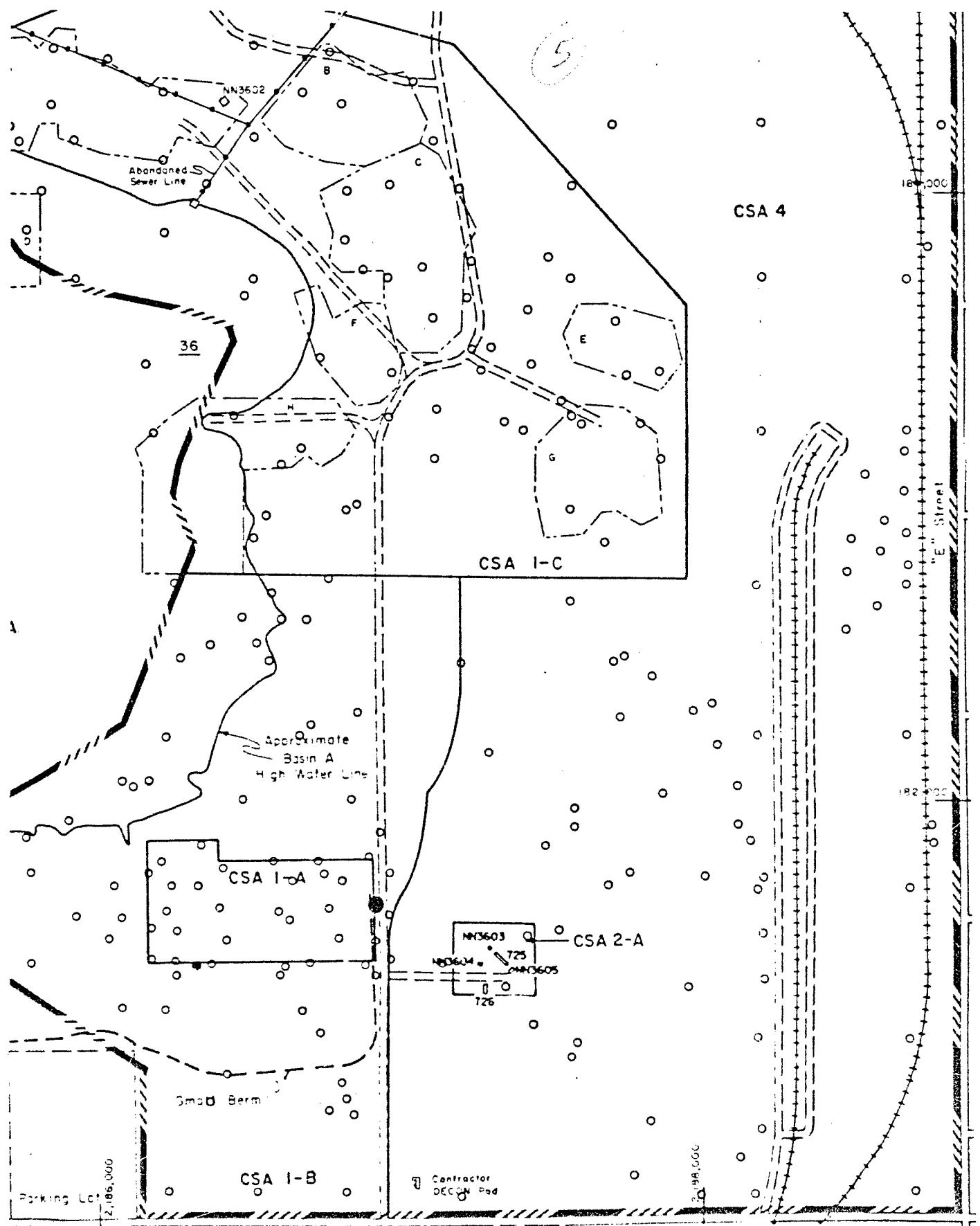
1  
2,184,000  
Nor

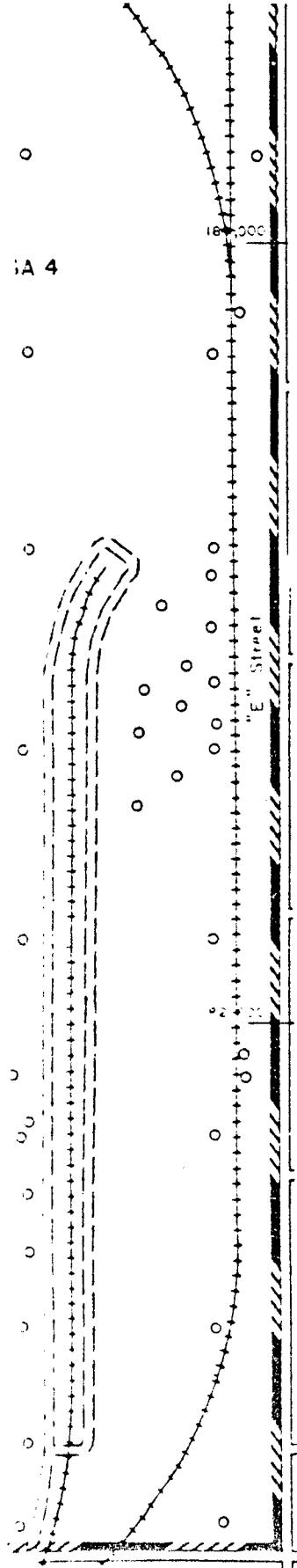








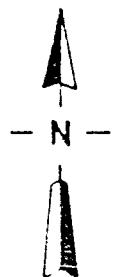


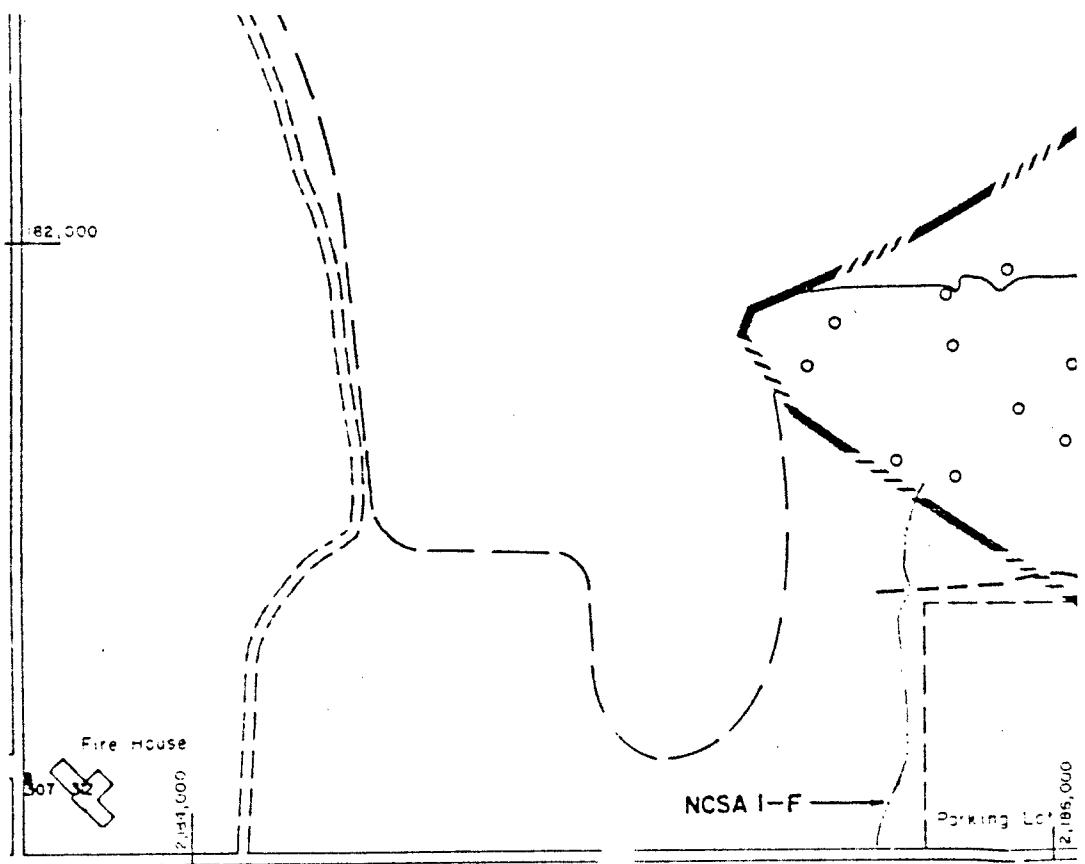


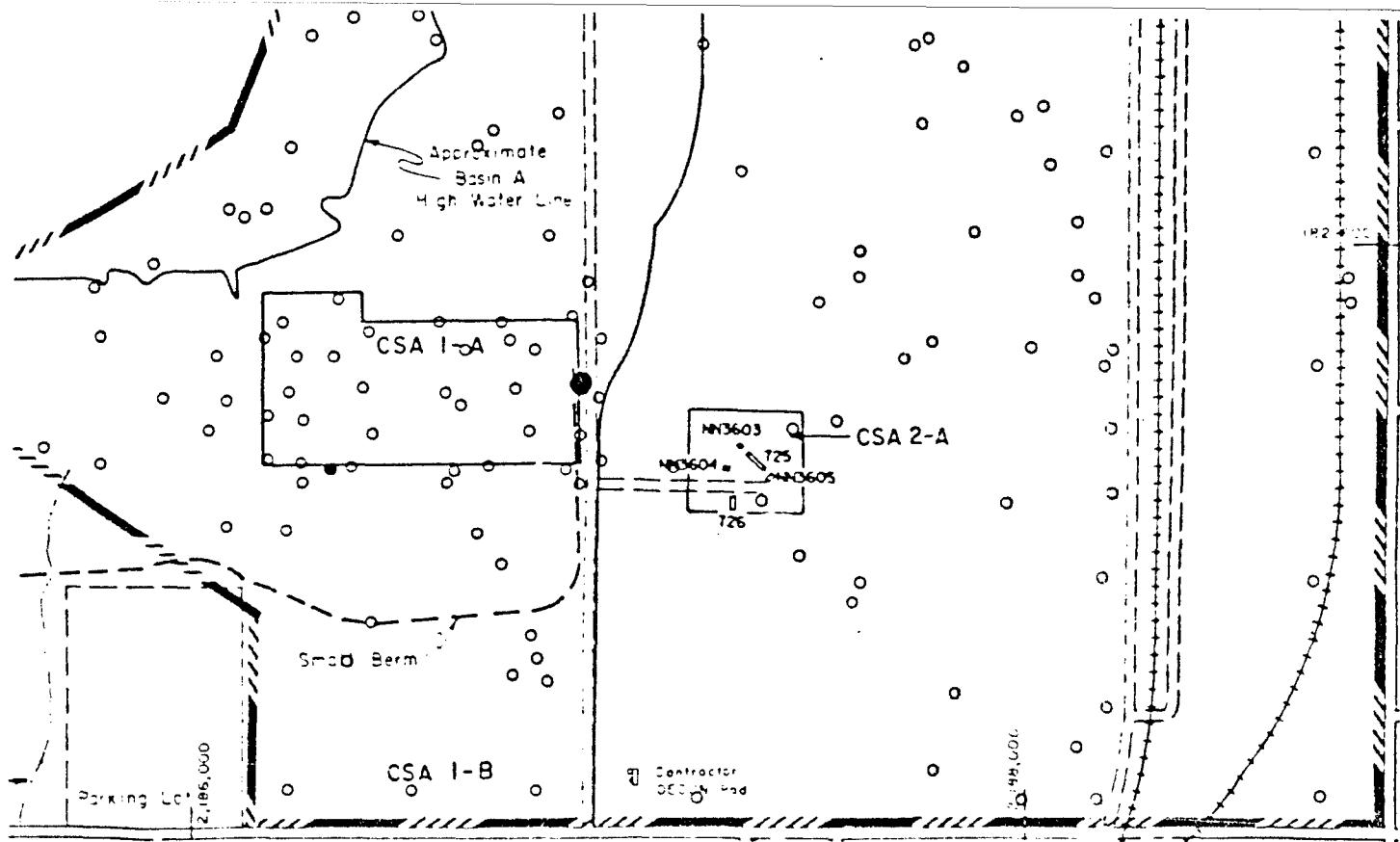
ROCKY MOUNTAIN ARSENAL  
LOCATION

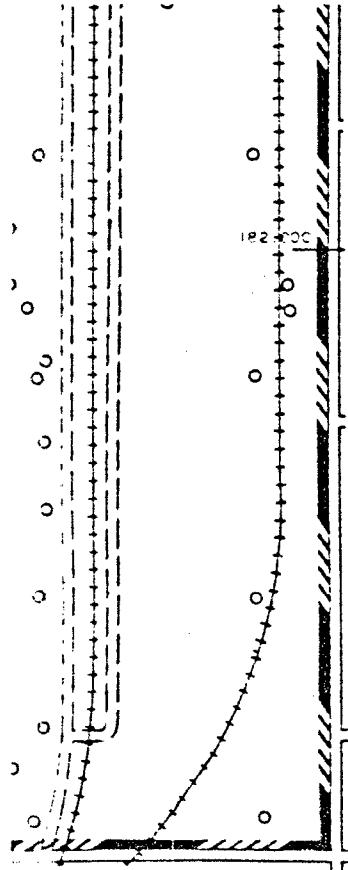
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 25 | 26 |
| 27 | 28 | 29 | 30 | 31 |
| 32 | 33 | 34 | 35 | 36 |
| 37 | 38 | 39 | 40 | 41 |
| 42 | 43 | 44 | 45 | 46 |

1" = 4 MILES





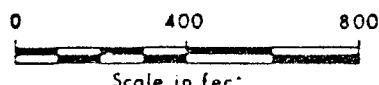




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



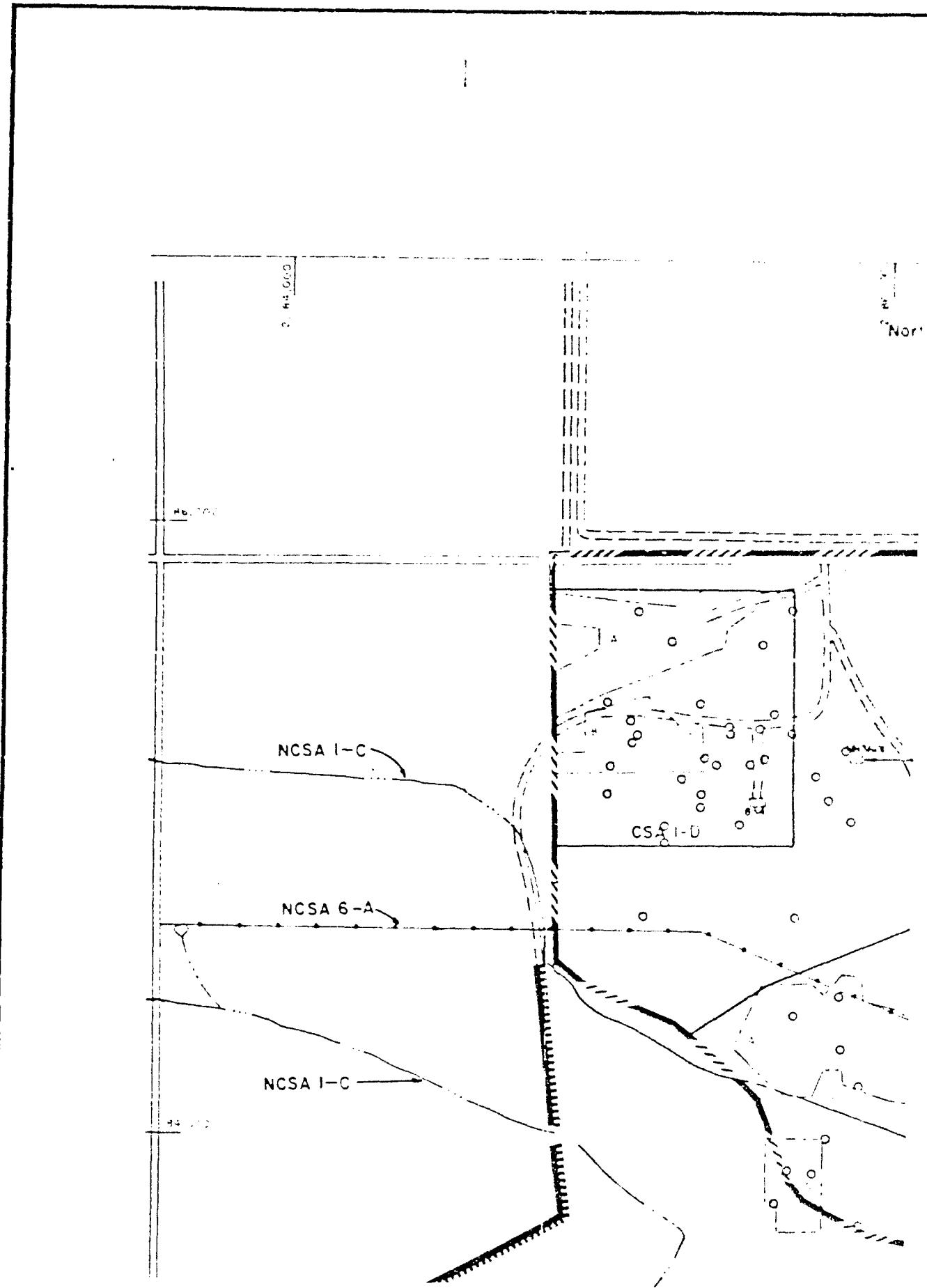
Prepared for:

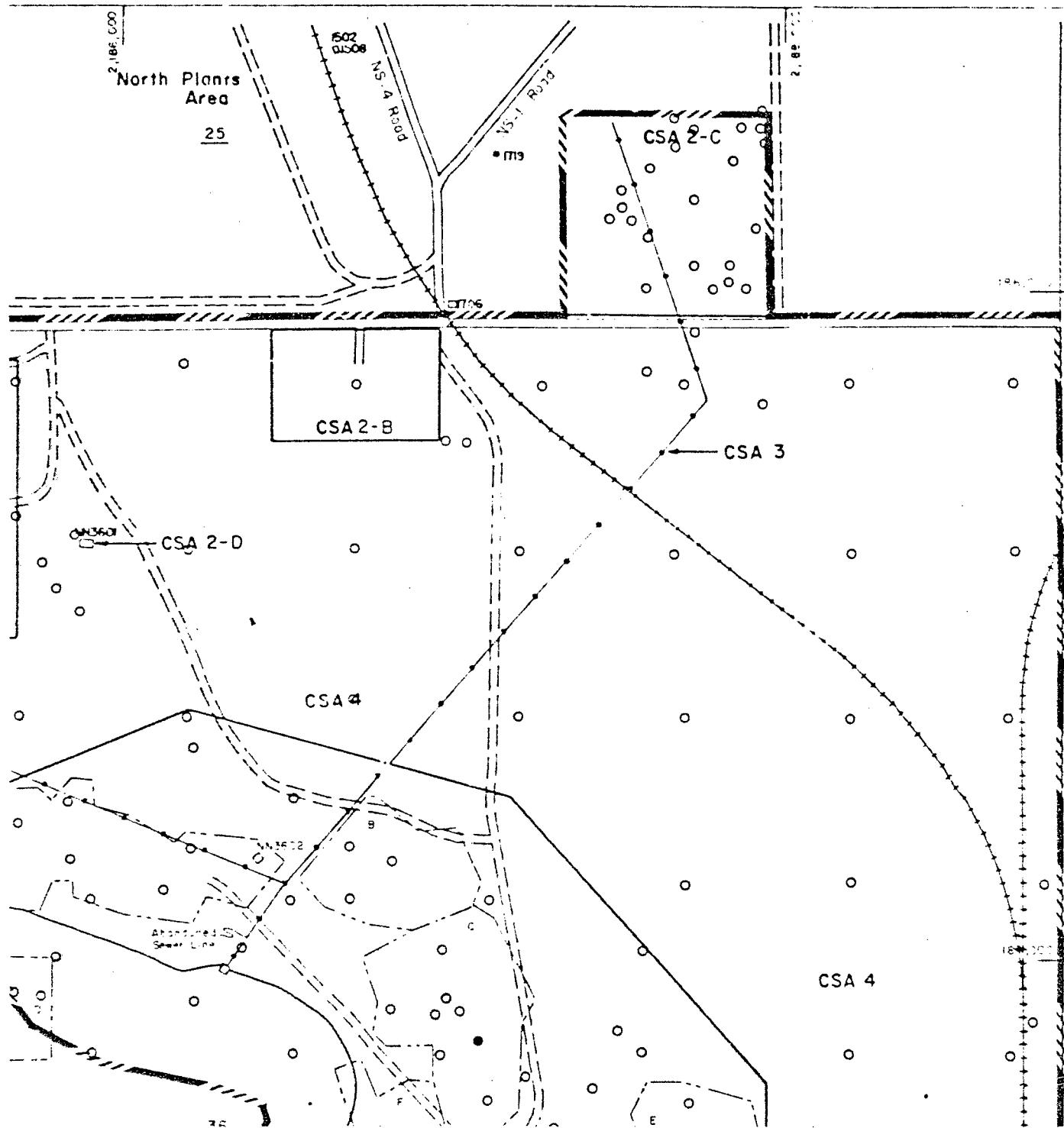
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-22

Organosulfur Compounds Herbicide Related  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



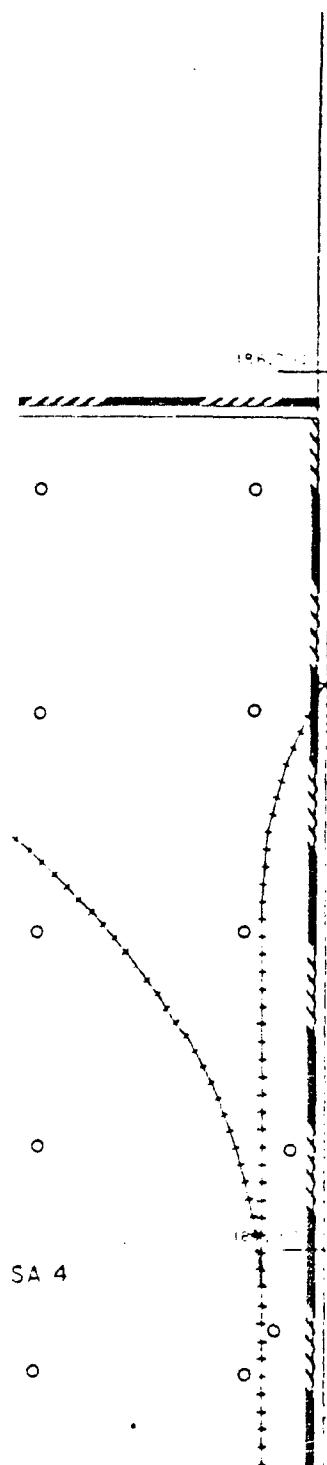


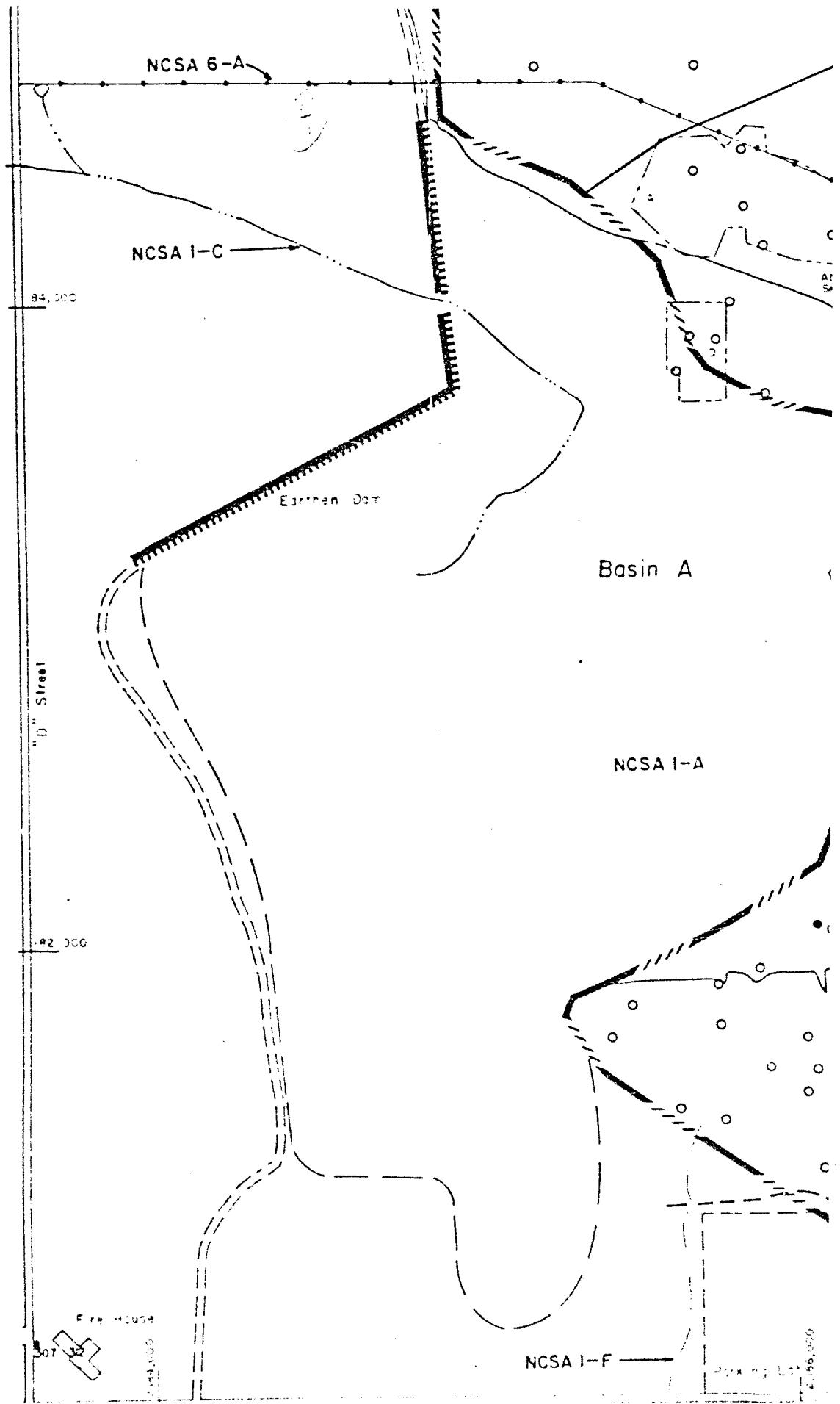
Legend

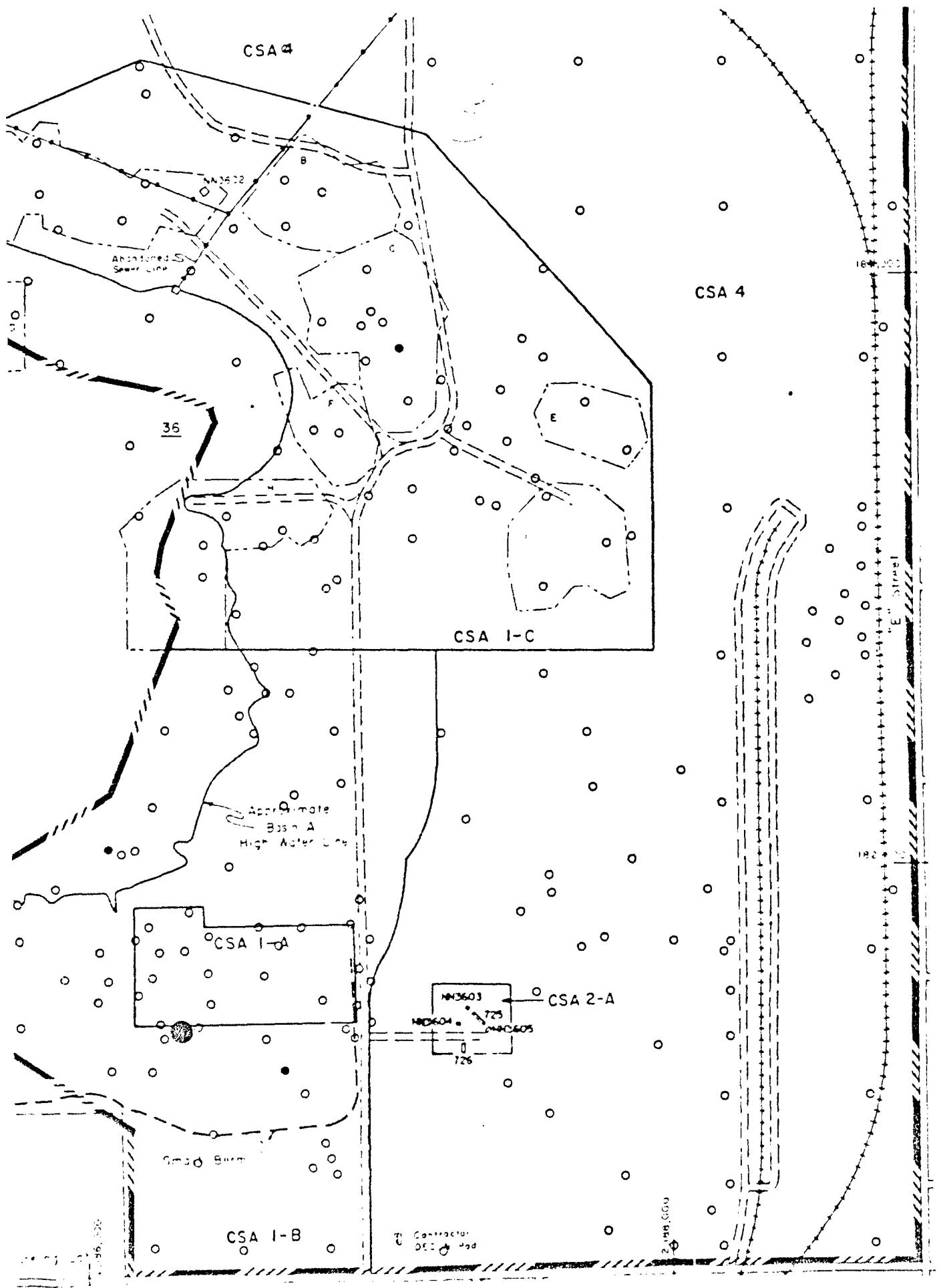
- |                                          |                               |
|------------------------------------------|-------------------------------|
| <u>—</u> Improved road                   | <u>- - -</u> Unimproved road  |
| <u>~</u> Stream or ditch                 | <u>○</u> Shore line           |
|                                          | <u>9</u> Section number       |
| <u>186,000</u> State plane grid          | <u>□</u> Structure            |
| <u>← →</u> Railroad tracks               | <u>[ ]</u> Former structure   |
| <u>— - -</u> Central Study Area boundary | <u>— - -</u> Arsenal boundary |
| <u>CSA I-C</u> Site boundary             | <u>-----</u> Sanitary sewer   |
| <u>— - -</u> Geophysical anomaly         | <u>— ● —</u> Chemical sewer   |

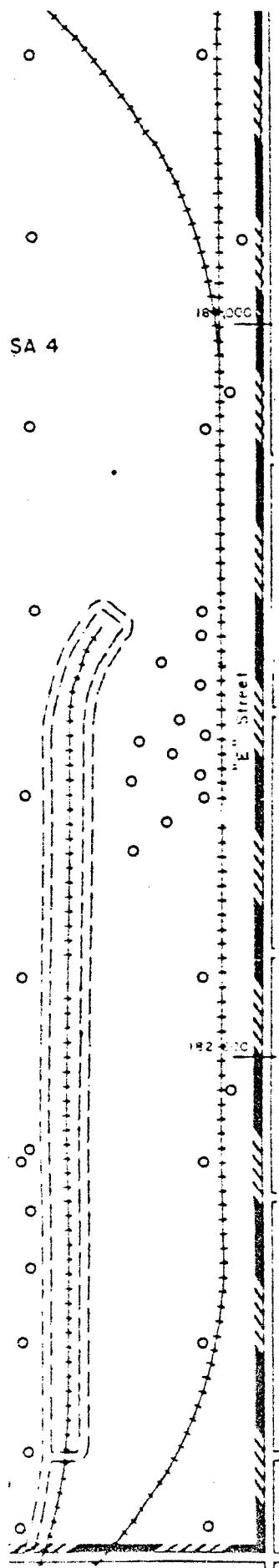
**ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)**

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100







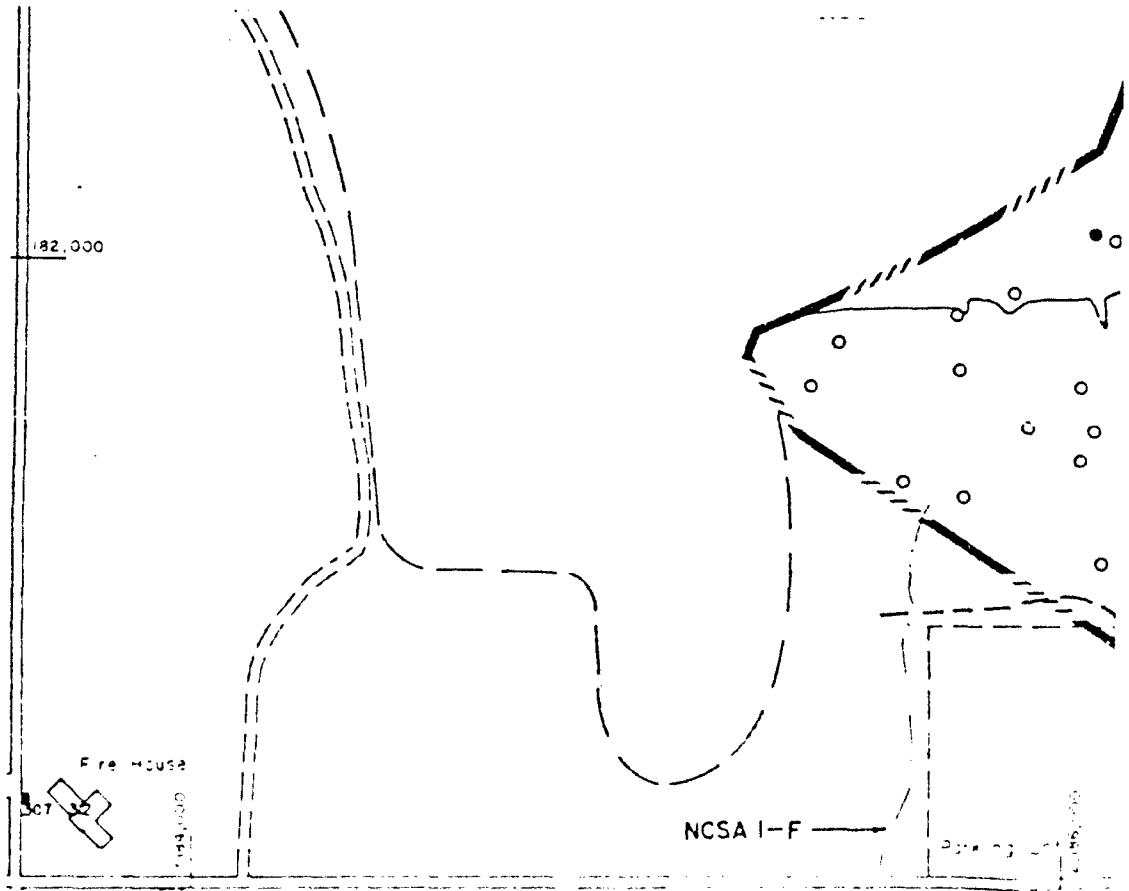


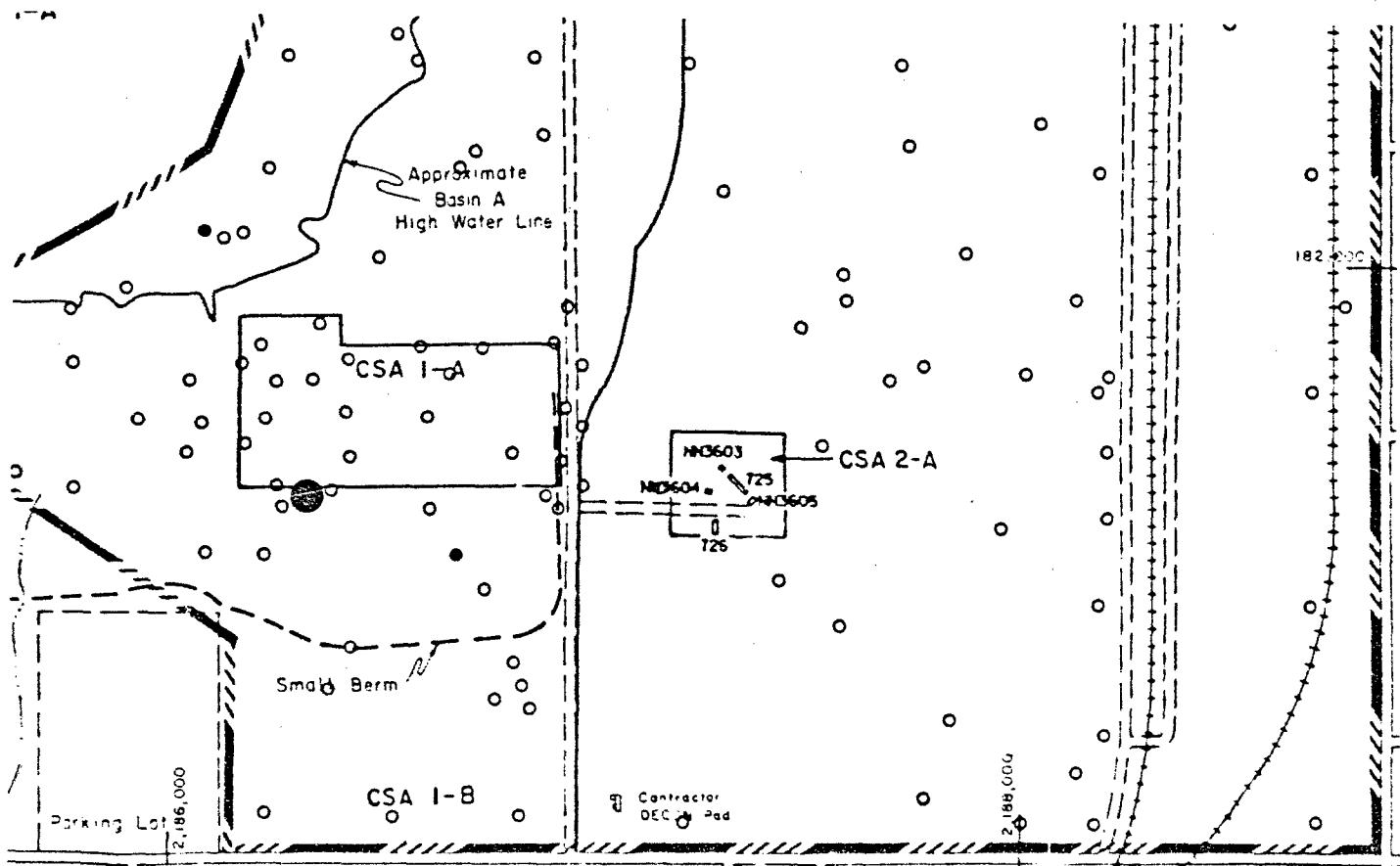
ROCKY MOUNTAIN ARSENAL  
LOCATION

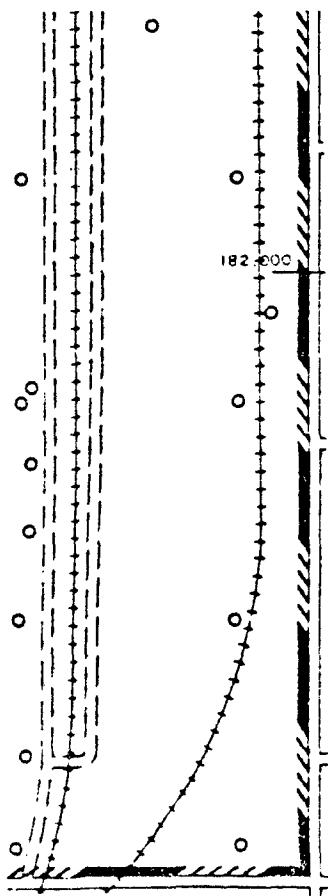
|    |    |    |    |    |
|----|----|----|----|----|
| 23 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 12 | 7  | 8  |

1" = 4 MILES

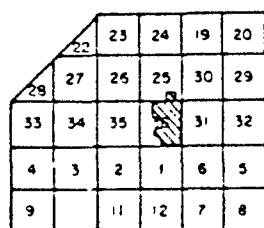




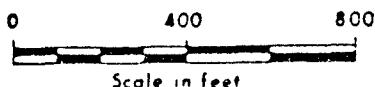
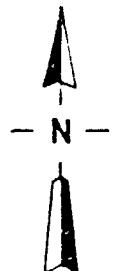




ROCKY MOUNTAIN ARSENAL  
LOCATION



1" = 4 MILES



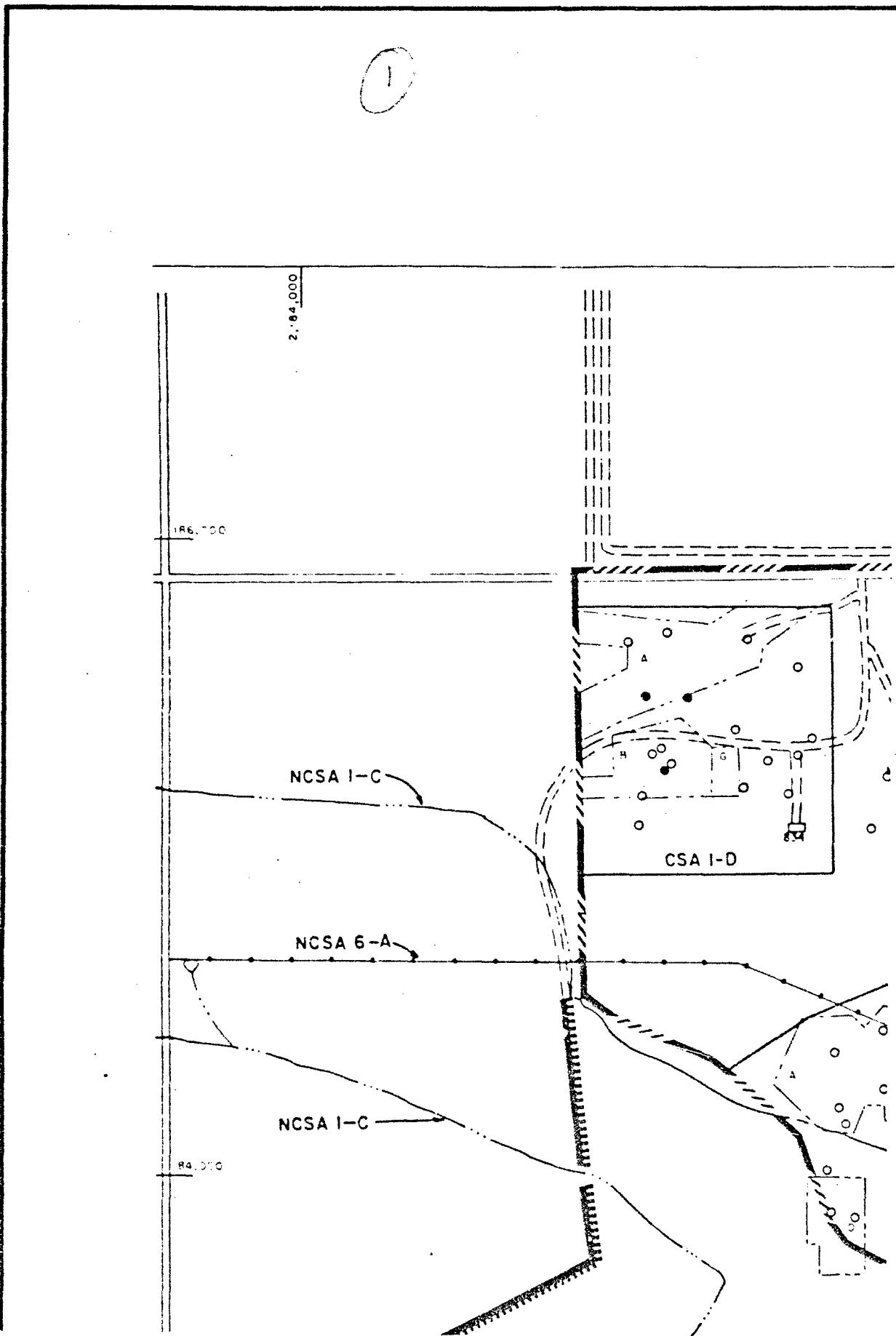
Prepared for:

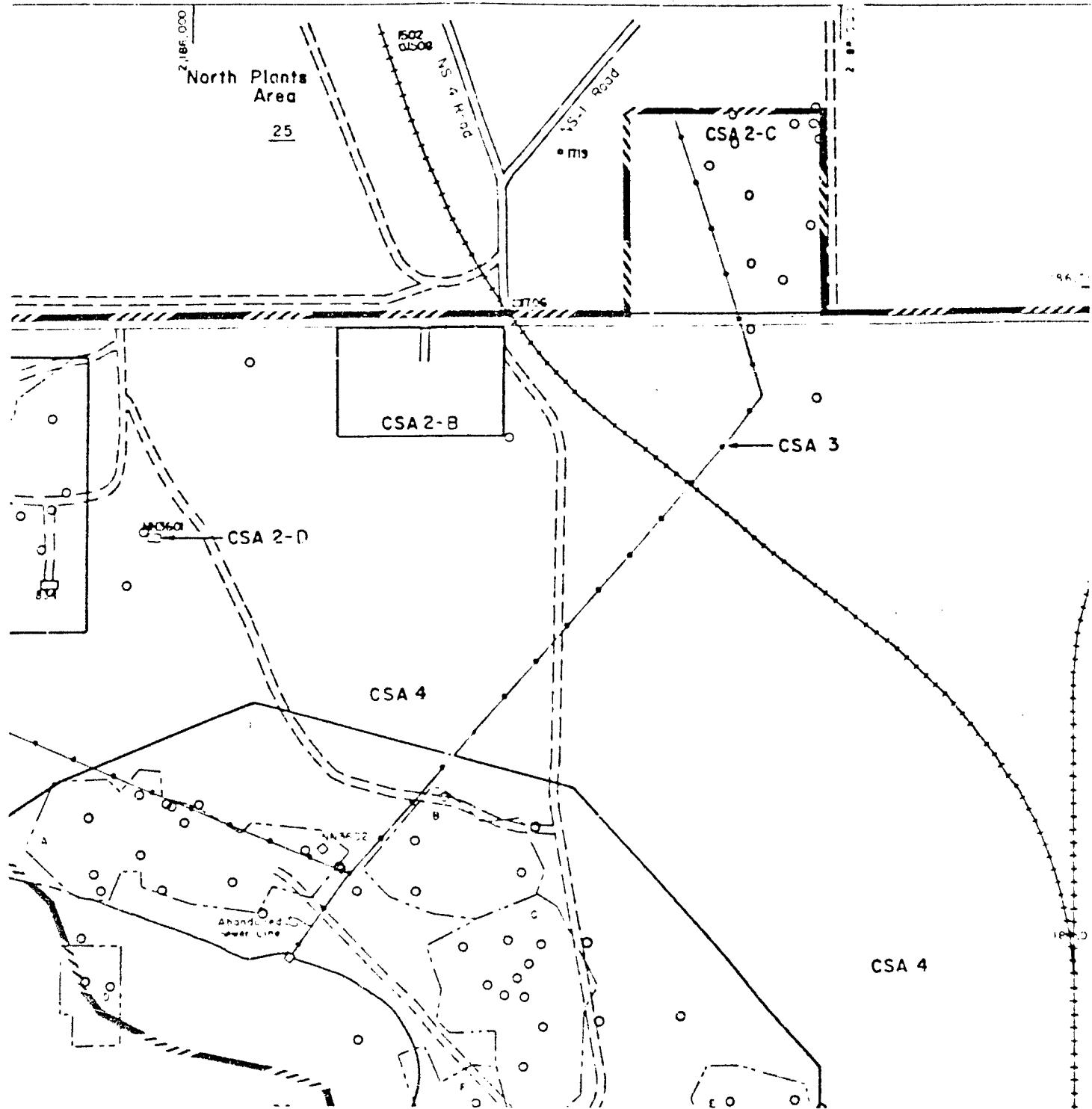
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

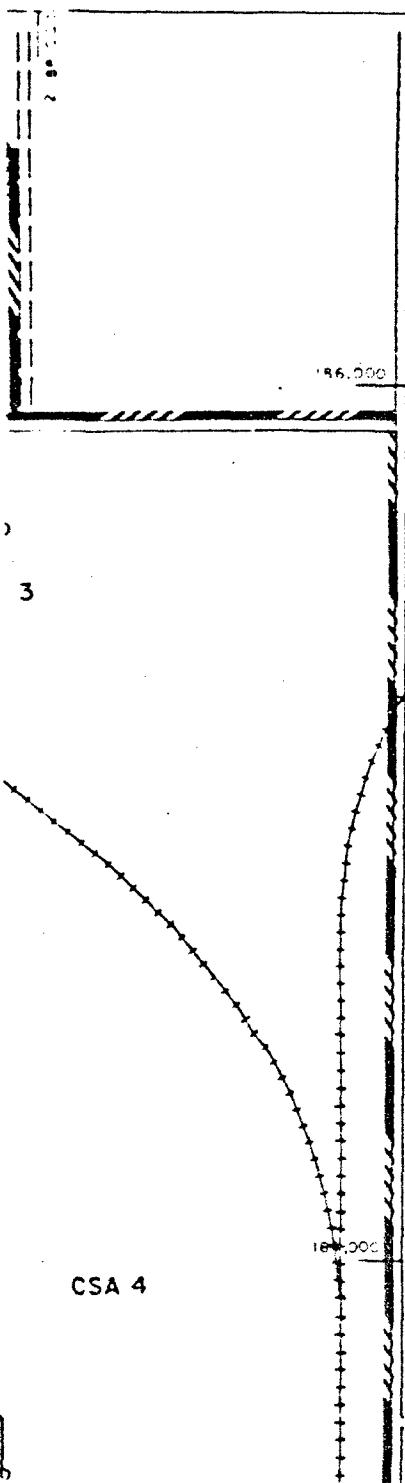
PLATE CSA 2.1-23

Organosulfur Compounds Herbicide Related  
in Soils in the 2 - 5 ft. Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



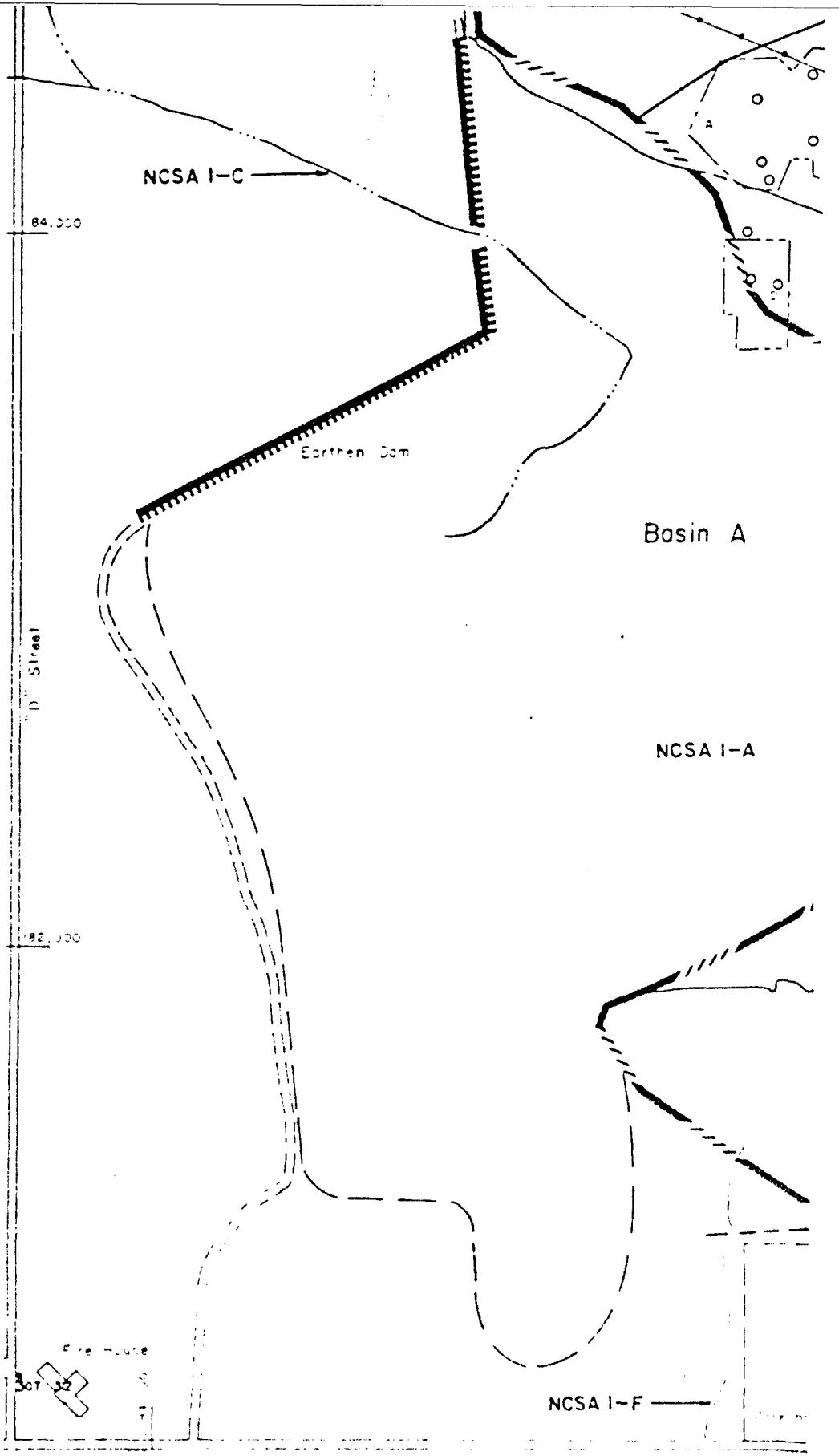


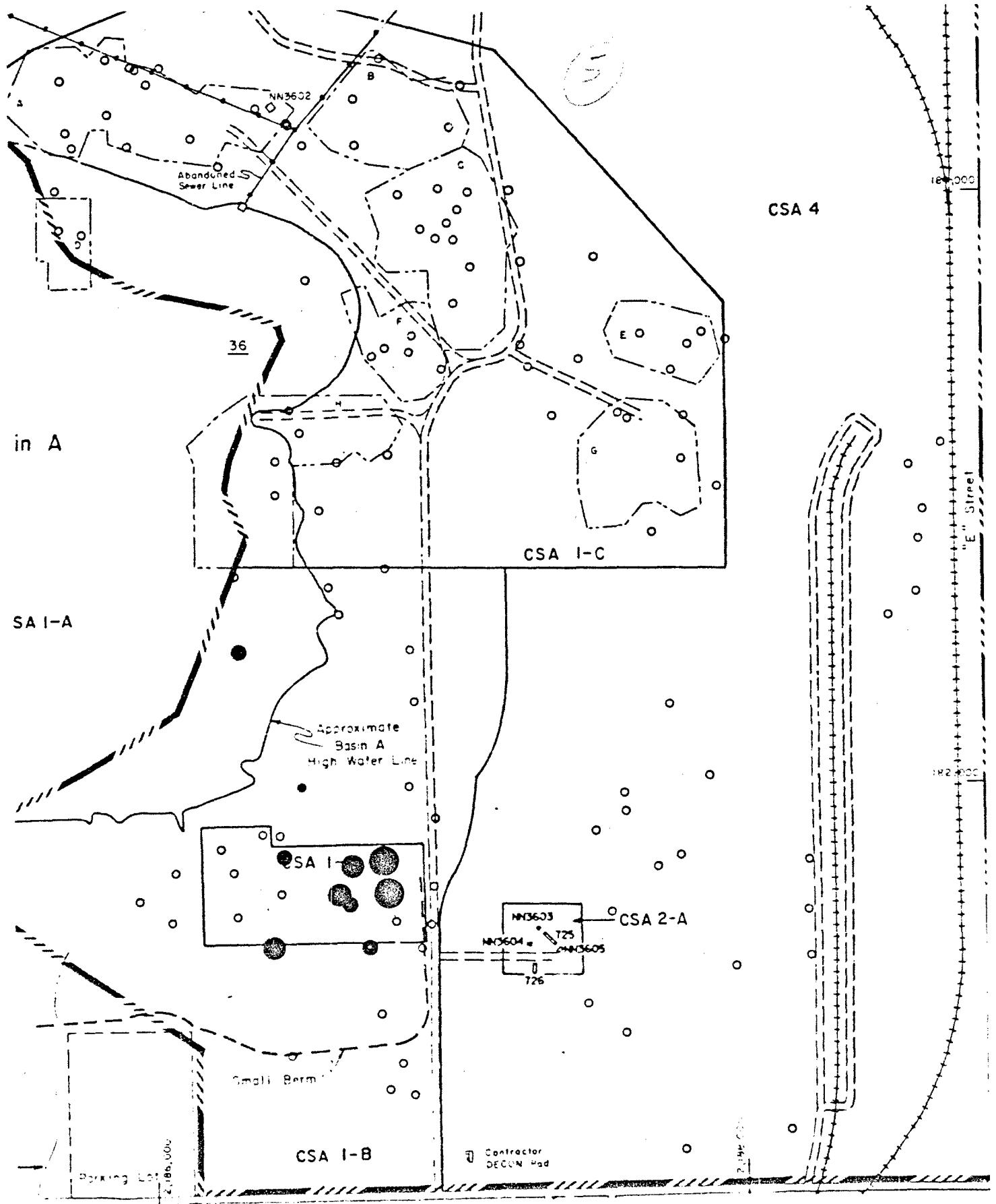


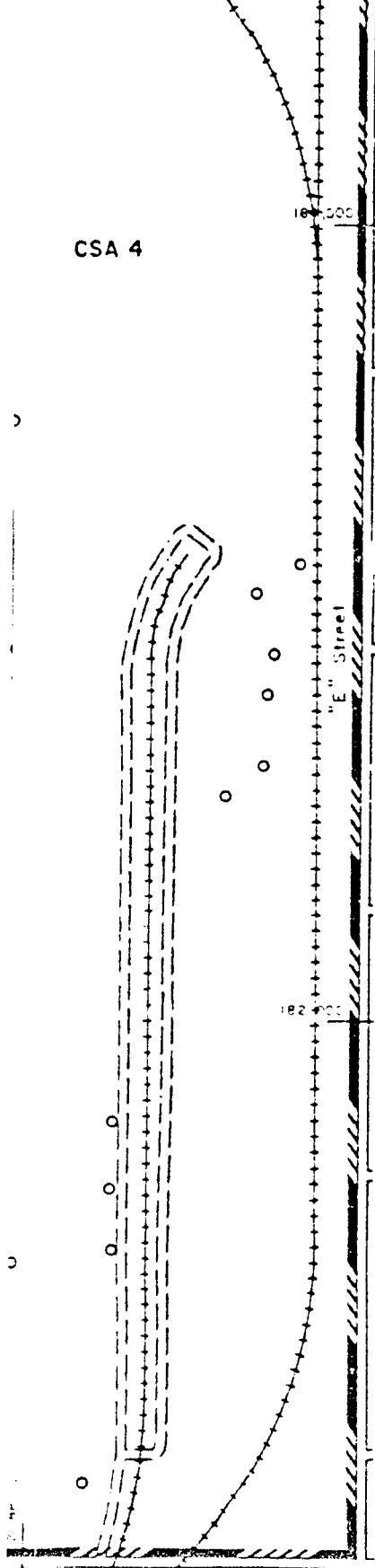
| Legend                               |                            |
|--------------------------------------|----------------------------|
| <u>—</u> Improved road               | <u>---</u> Unimproved road |
| <u>~</u> Stream or ditch             | (O) Shore line             |
| <u>9</u>                             | Section number             |
| <u>186,000</u> State plane grid      | (□) Structure              |
| <u>→</u> Railroad tracks             | (---) Former structure     |
| <u>—</u> Central Study Area boundary | (—) Arsenal boundary       |
| <u>CSA I-C</u> Site boundary         | (----) Sanitary sewer      |
| <u>—</u> Geophysical anomaly         | (—●—) Chemical sewer       |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



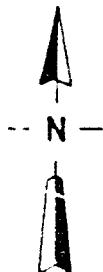


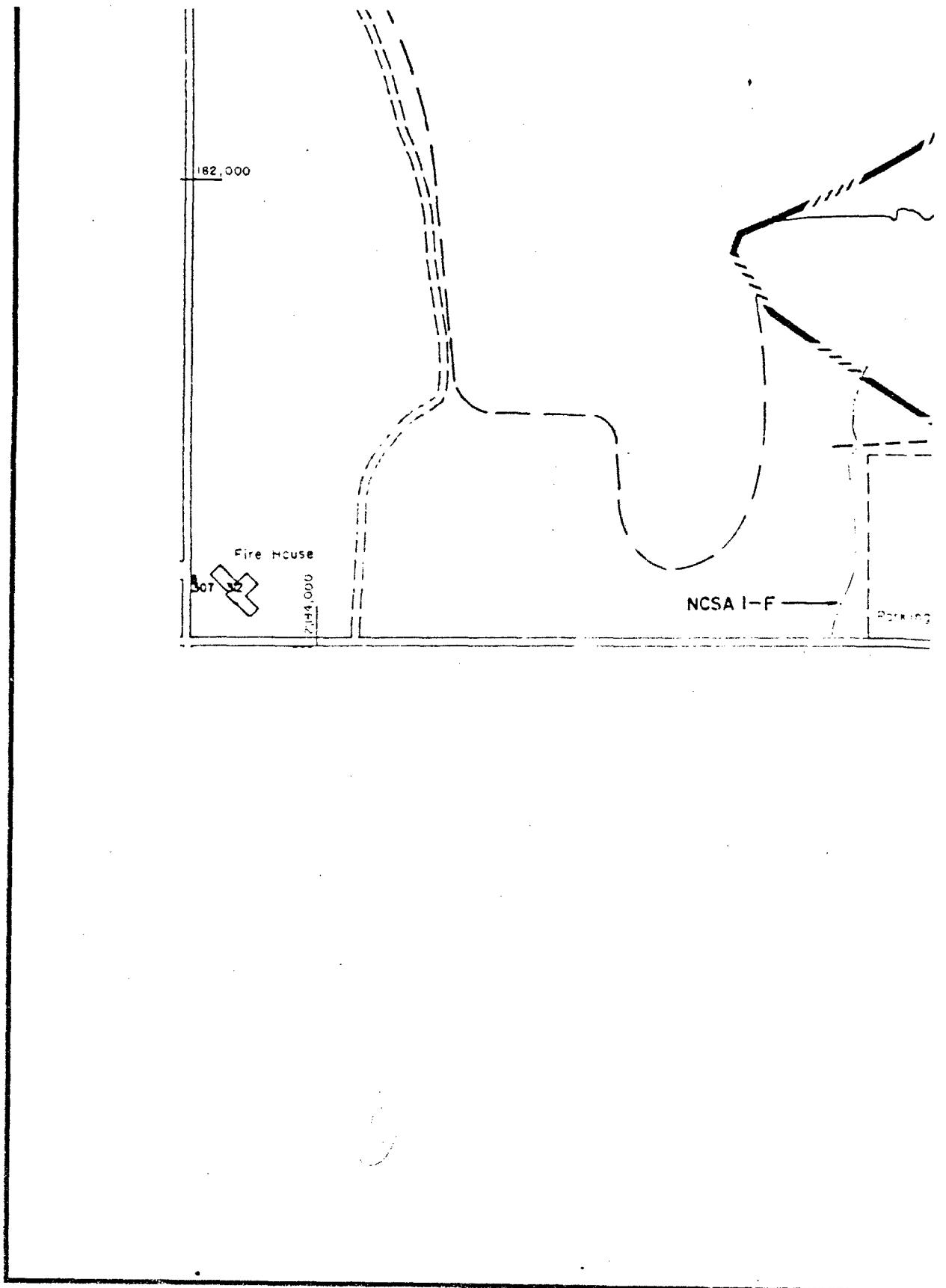


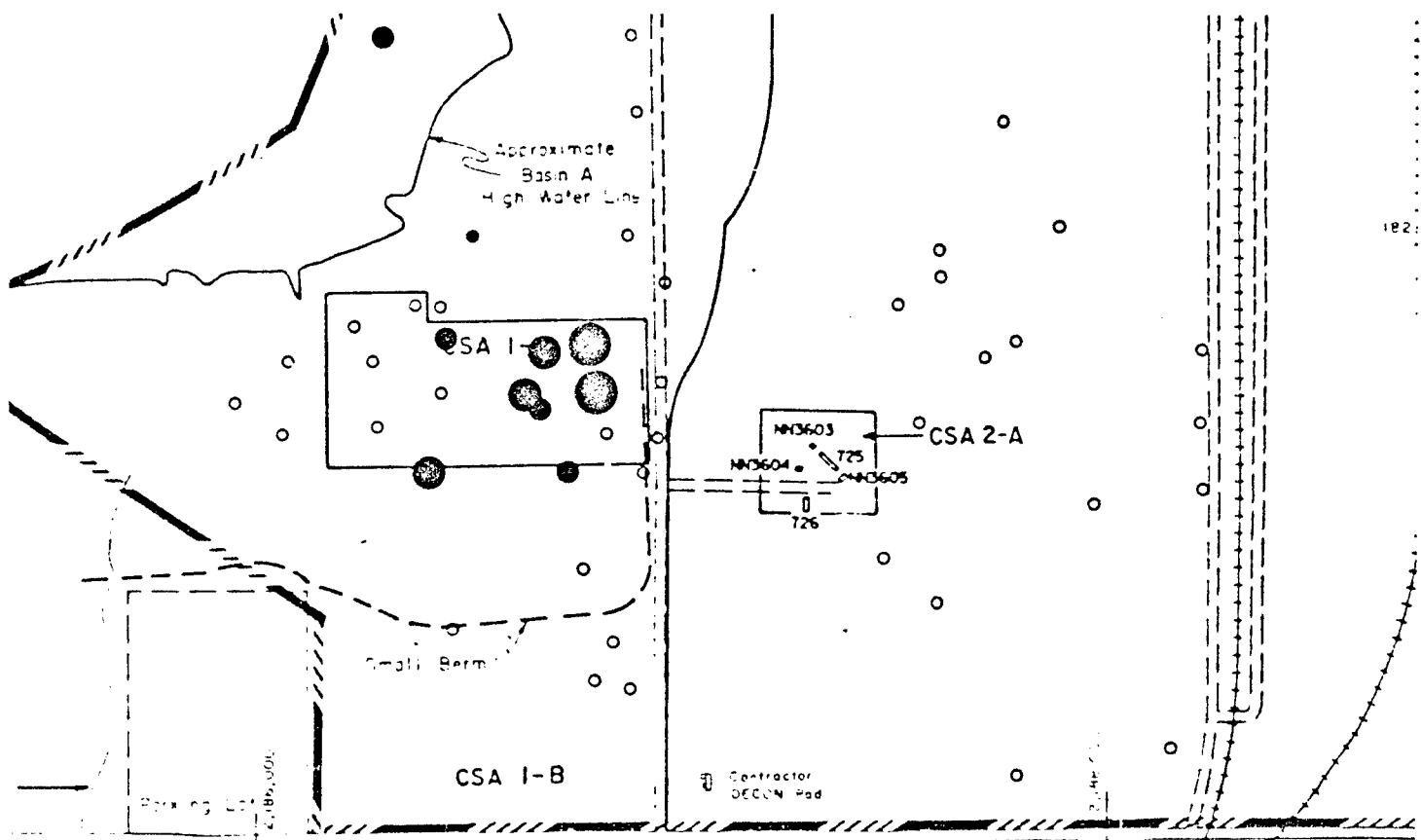
ROCKY MOUNTAIN ARSENAL  
LOCATION

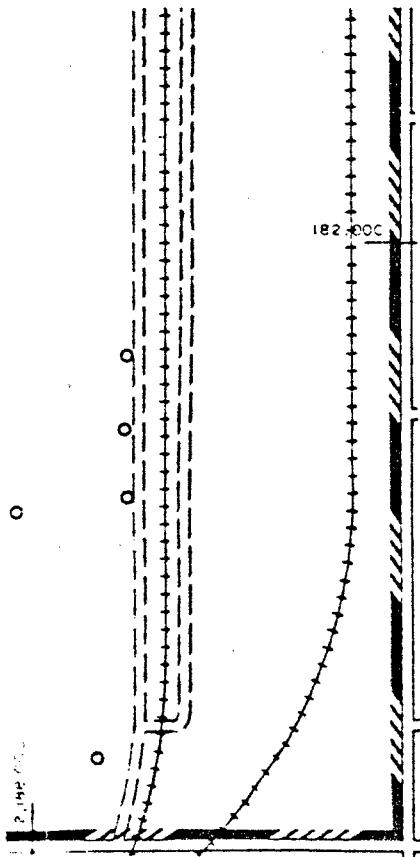
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 25 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  | 11 | 12 | 7  | 8  |

1" = 4 MILES





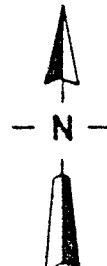




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 32 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



0                  400                  800  
Scale in feet

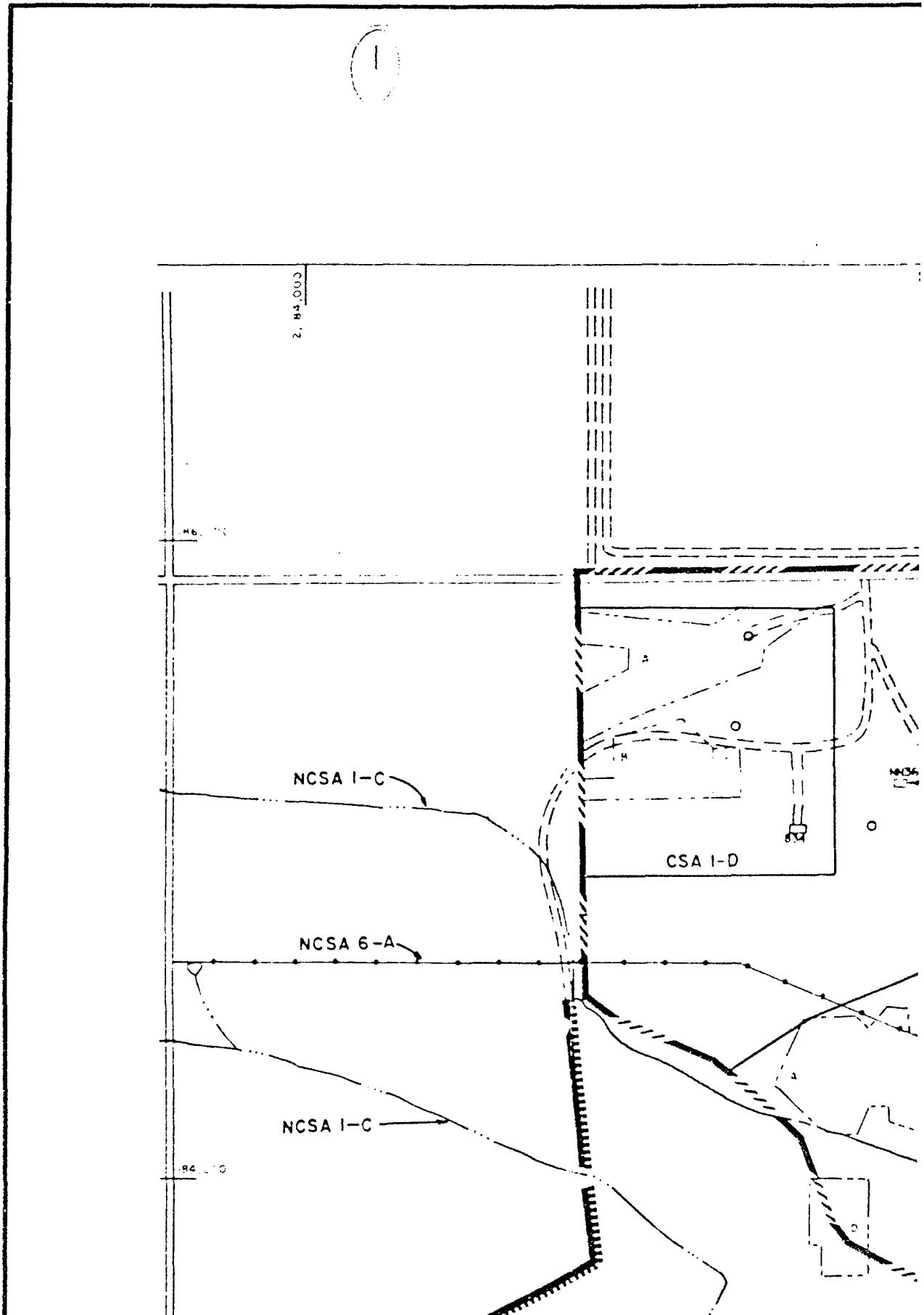
Prepared for:

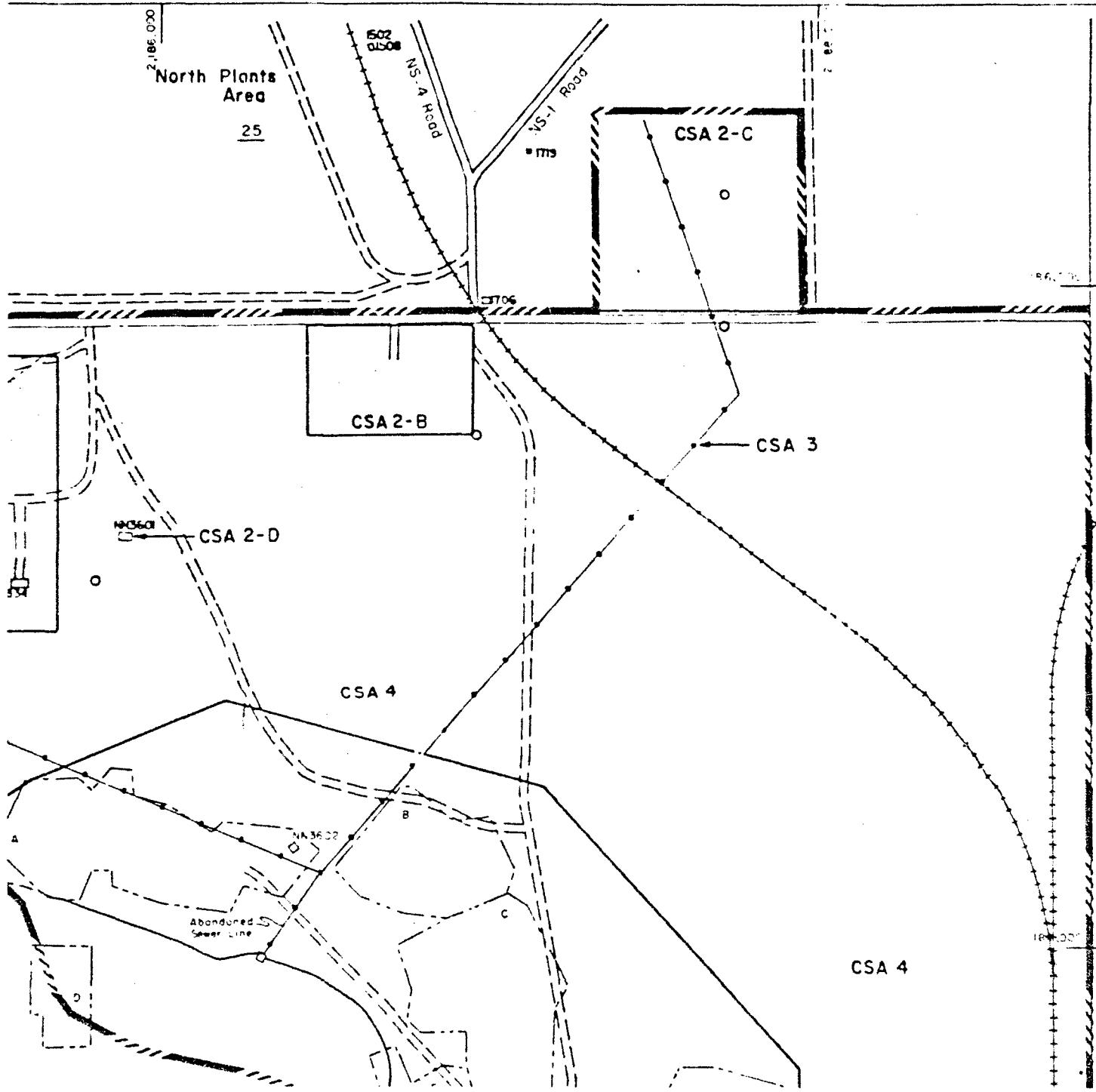
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-24

Organosulfur Compounds Herbicide Related  
in Soils in the 5-20 ft. Interval

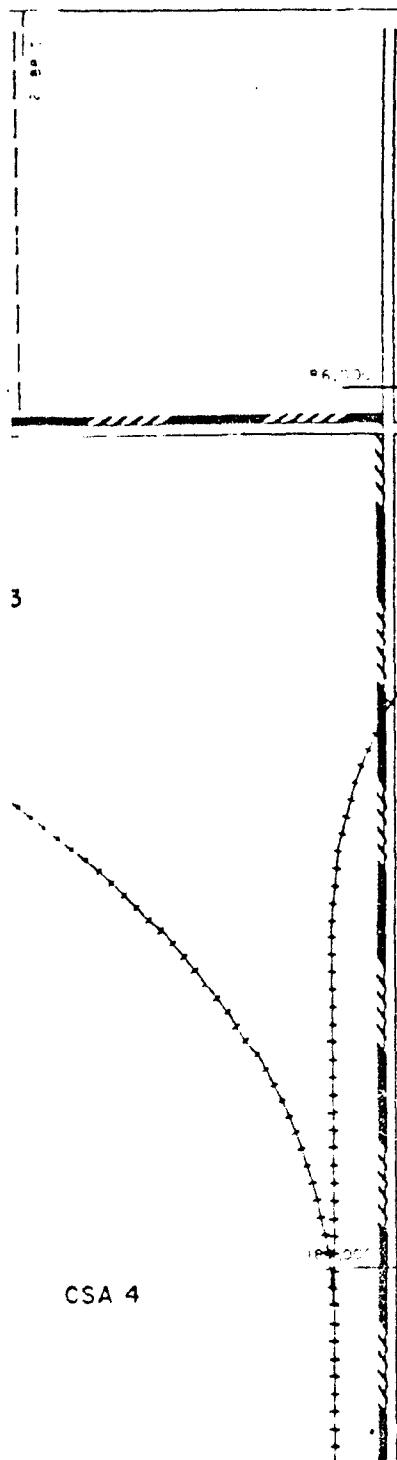
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





Legend

- Improved road      — Unimproved road
- ~ Stream or ditch      ○ Shore line
- 186,000 State plane grid      9 Section number
- ←→ Railroad tracks      □ Structure
- .. Central Study Area boundary      [ ] Former structure
- CSA 1-C Site boundary      — Arsenal boundary
- Geophysical anomaly      --- Sanitary sewer
- B Chemical sewer



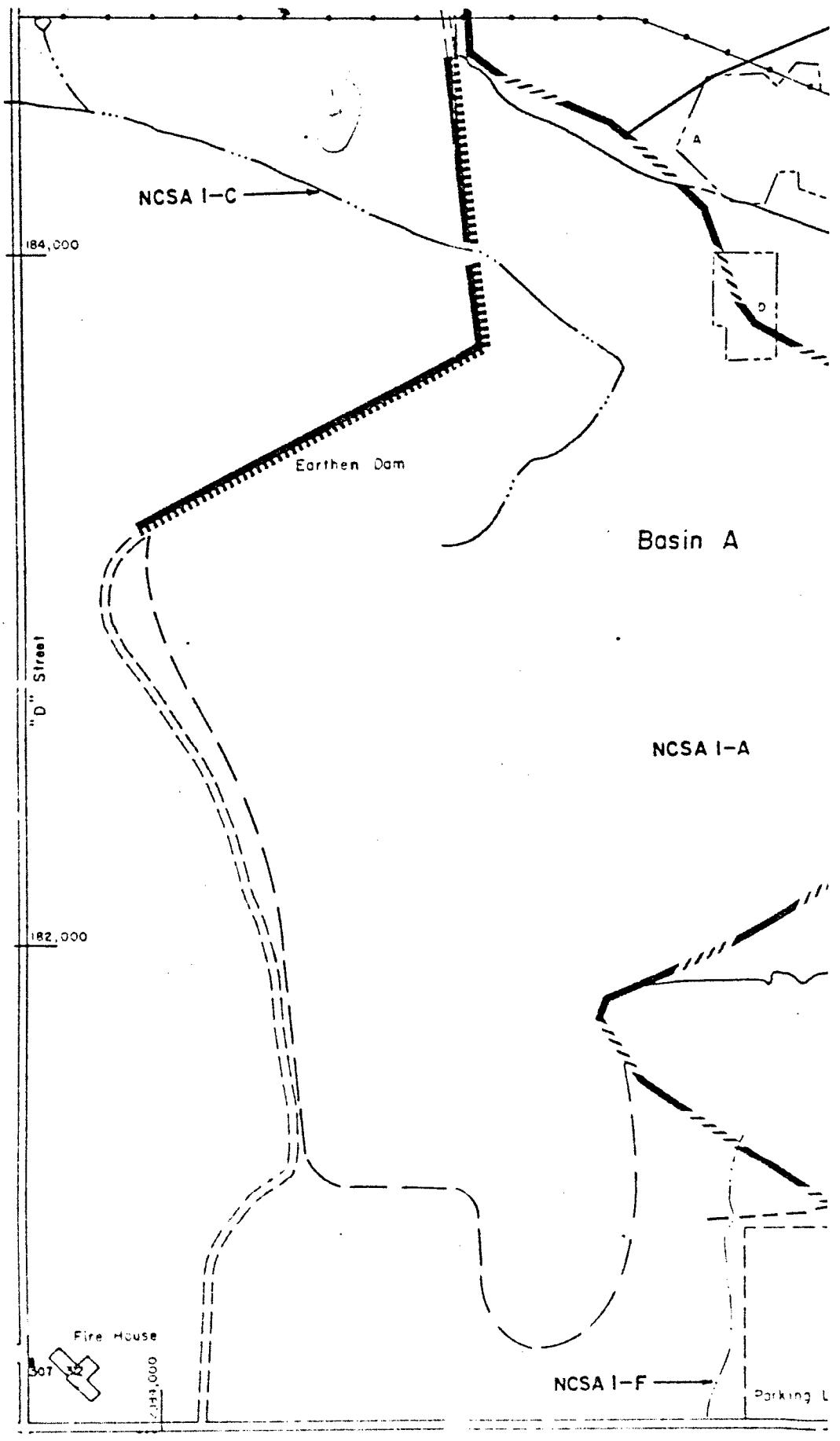
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

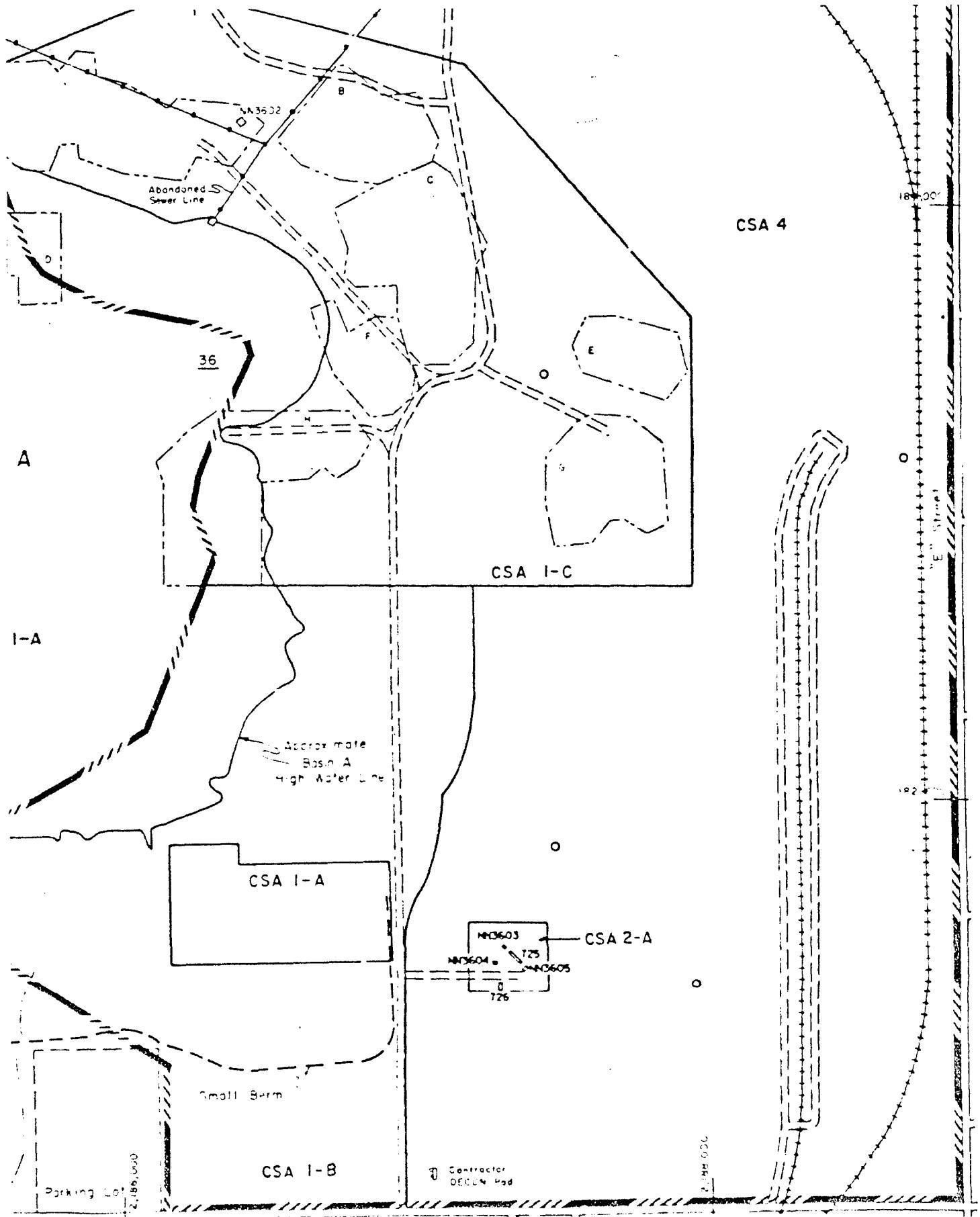
- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100

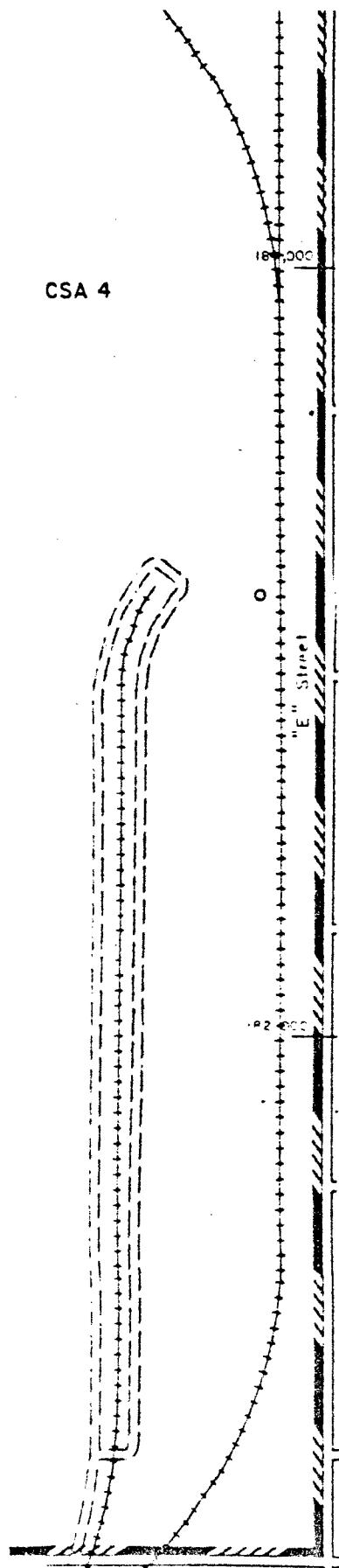
3

CSA 4

NCSA 1-A



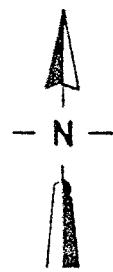


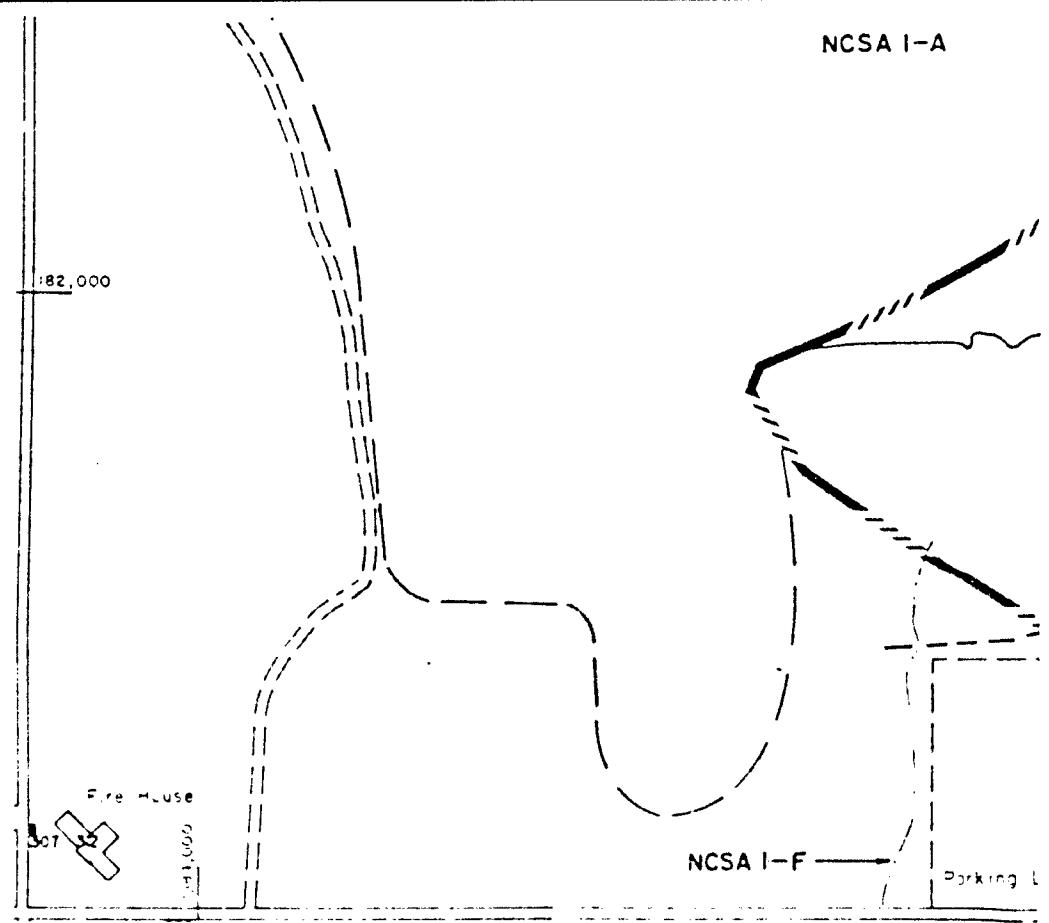


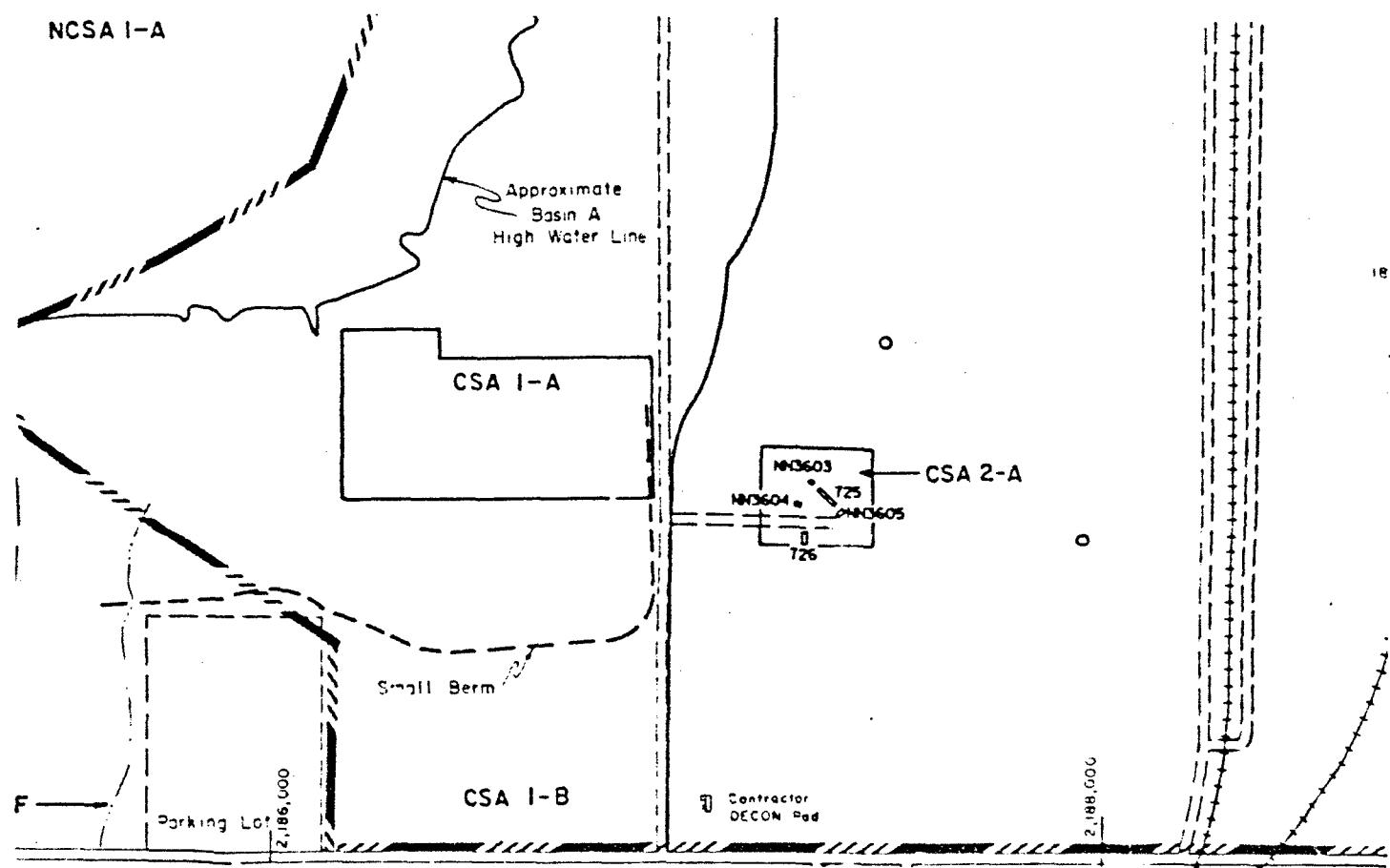
ROCKY MOUNTAIN ARSENAL  
LOCATION

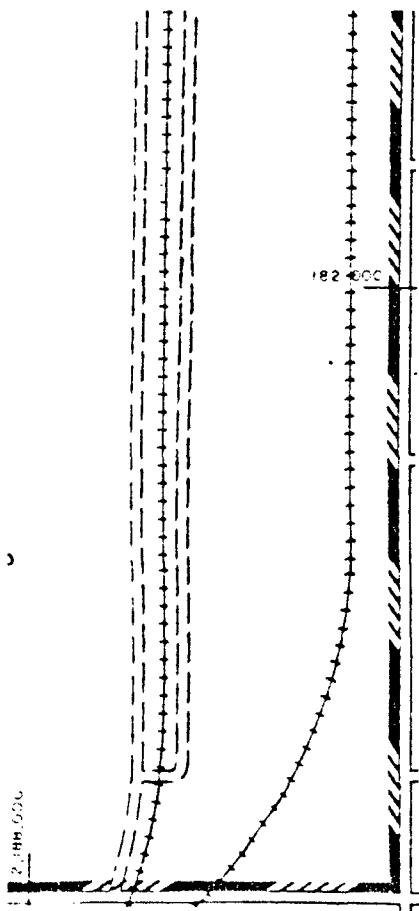
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES





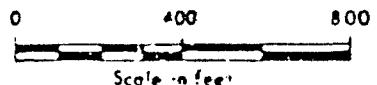
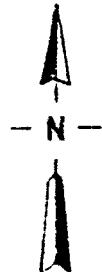




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



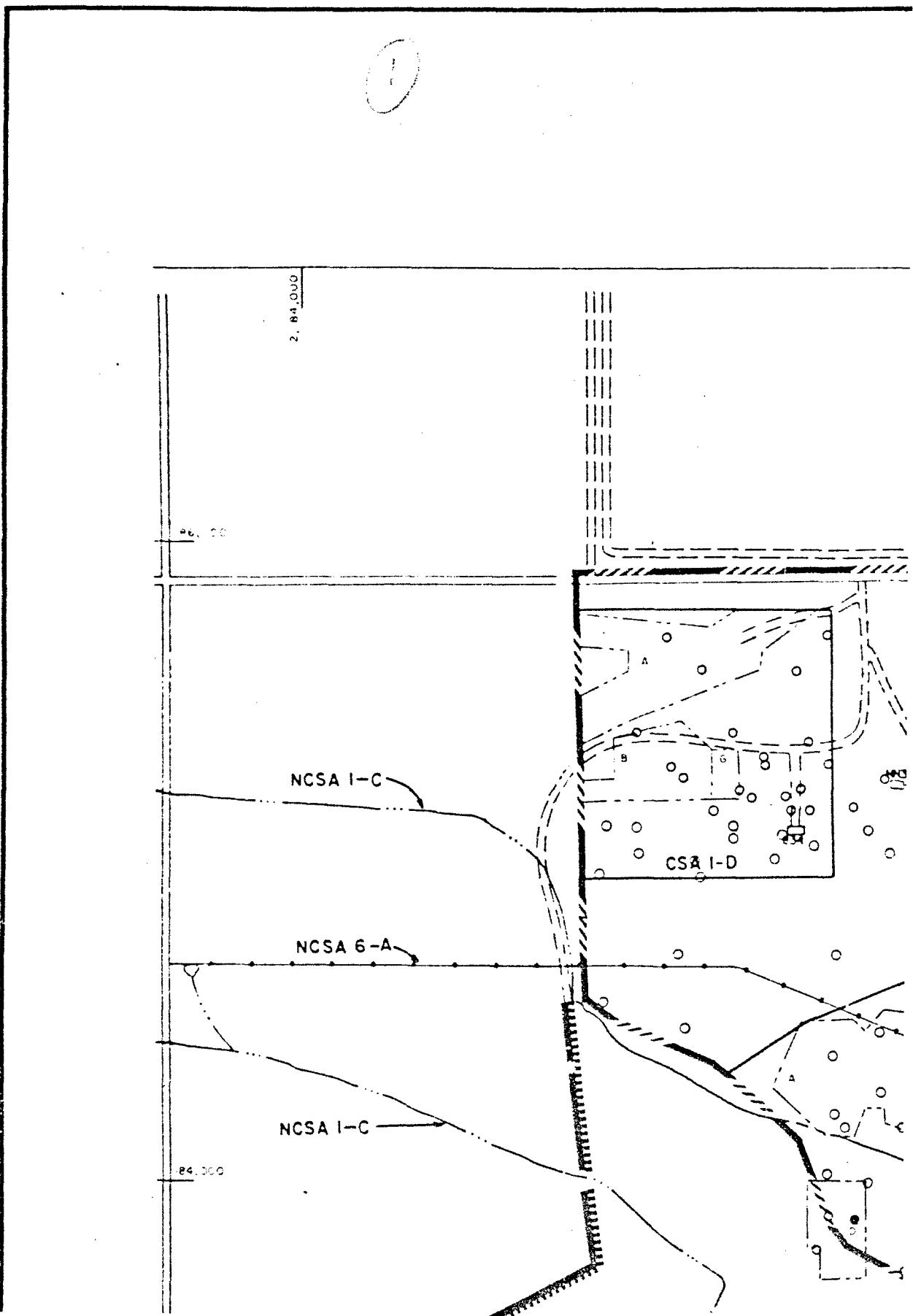
Prepared for:

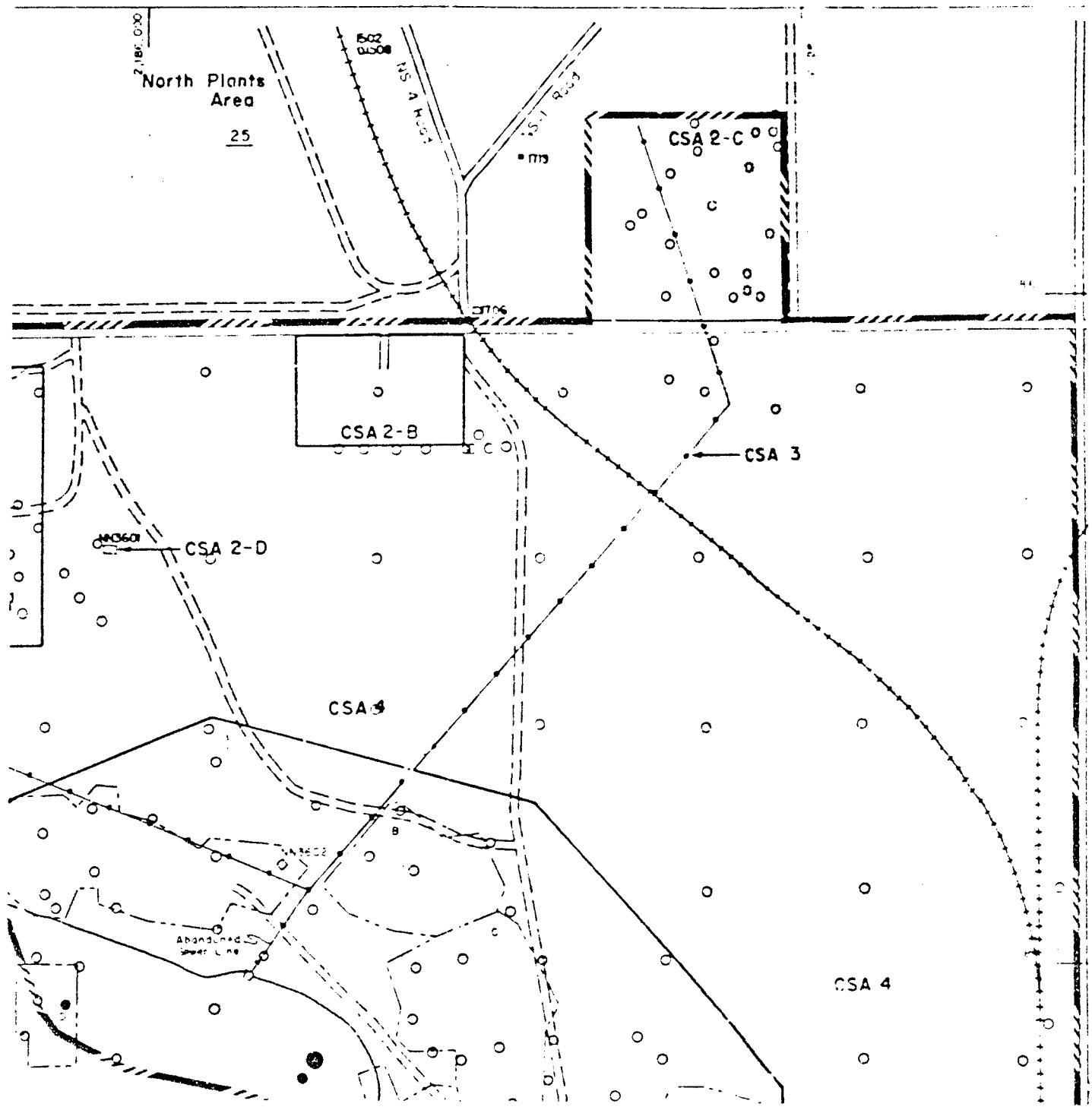
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-25

Organosulfur Compounds Herbicide Related  
in Soils in the >20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



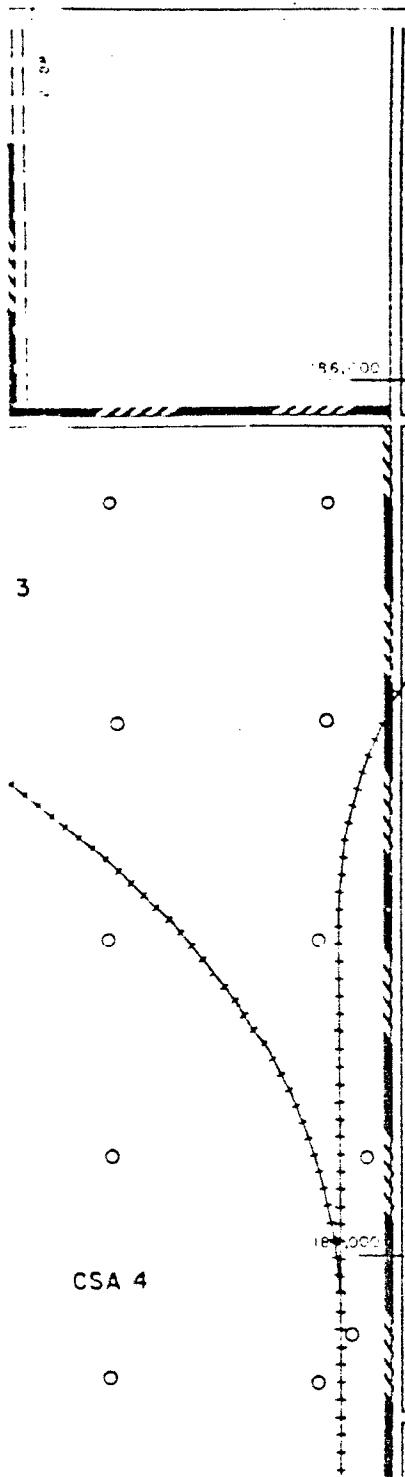


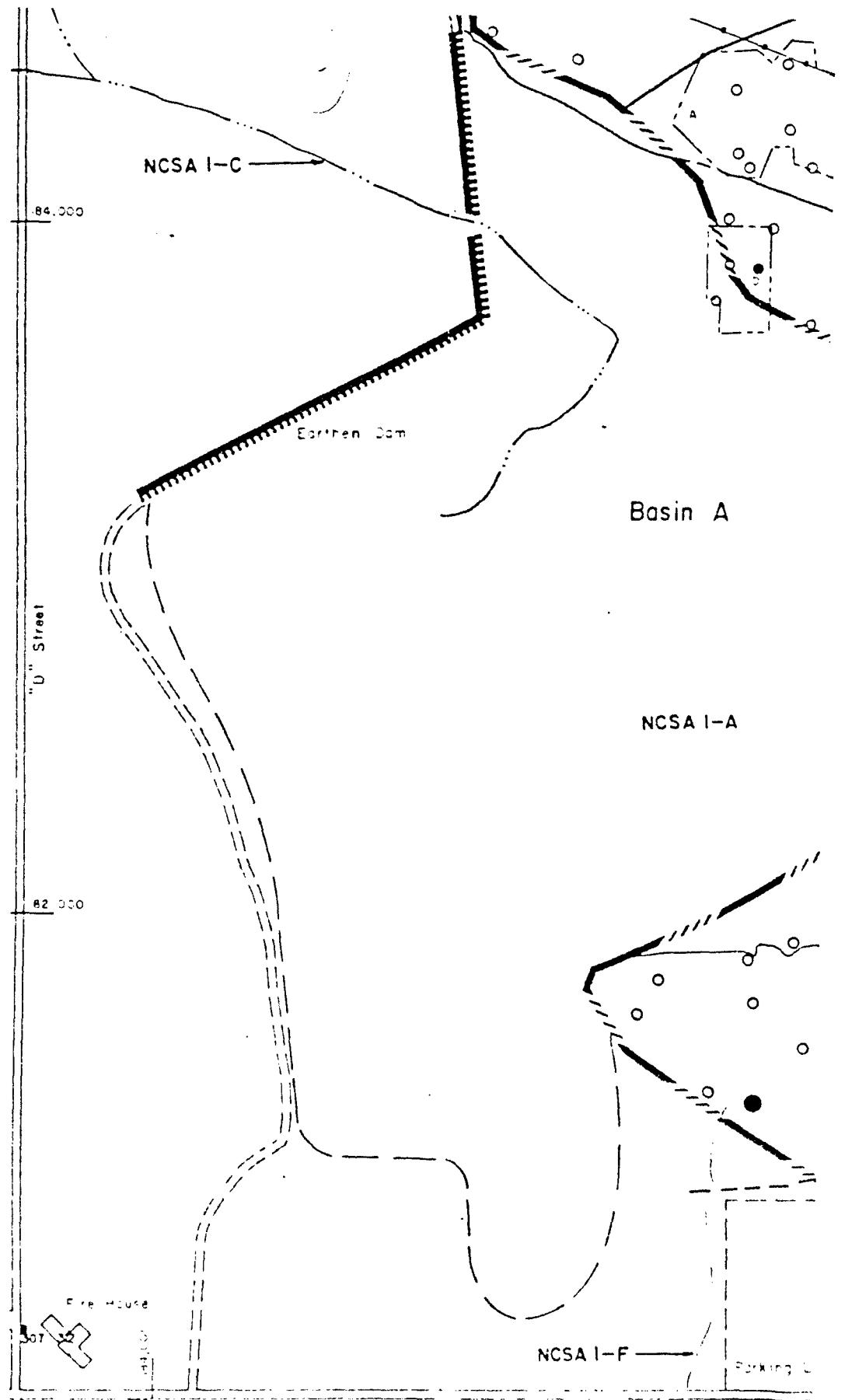
Legend

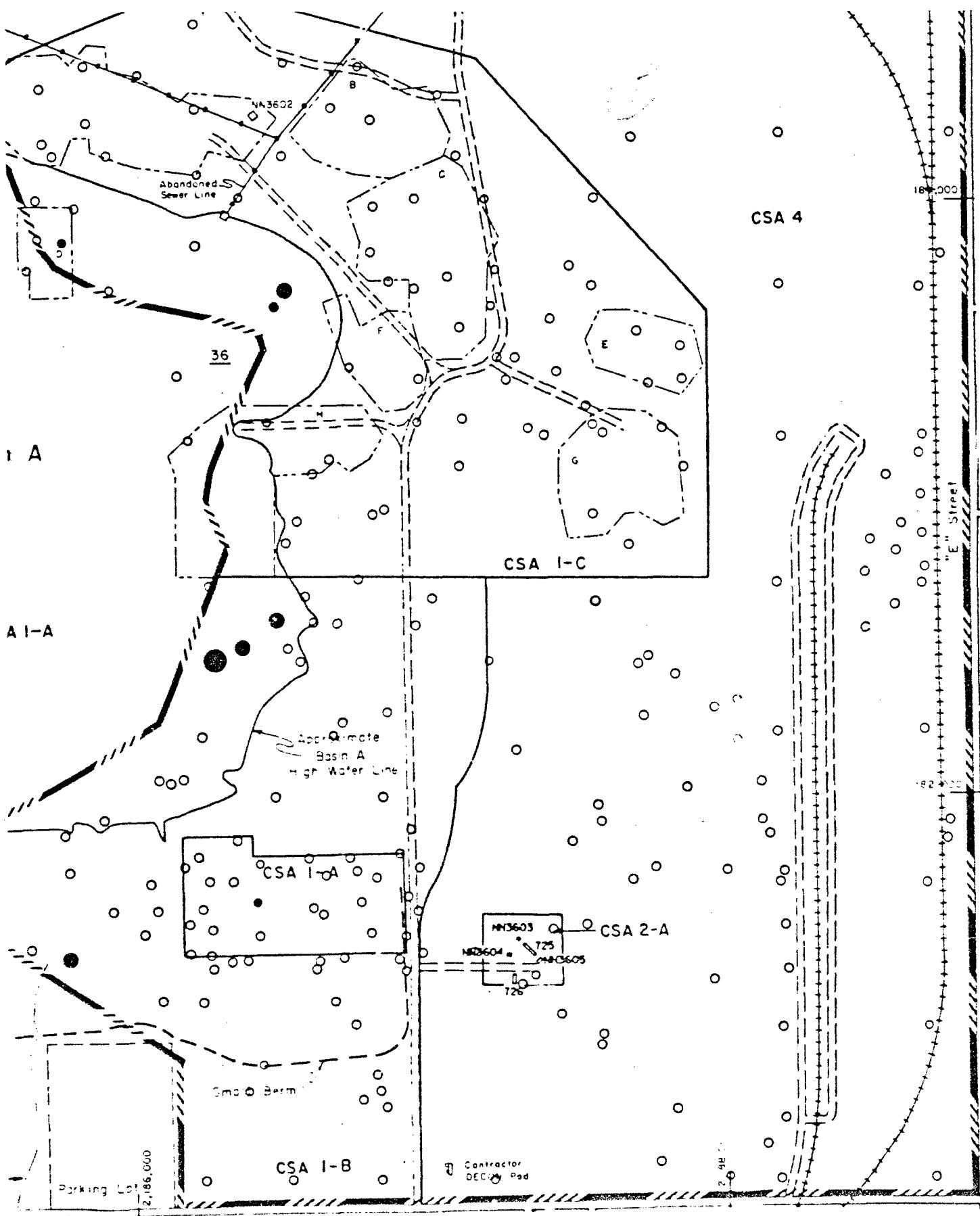
- |                                      |                             |
|--------------------------------------|-----------------------------|
| <u>—</u> Improved road               | <u>—</u> Unimproved road    |
| <u>~</u> Stream or ditch             | <u>○</u> Shore line         |
|                                      | <u>9</u> Section number     |
| <u>186,000</u> State plane grid      | <u>□</u> Structure          |
| <u>→</u> Railroad tracks             | <u>[ ]</u> Former structure |
| <u>—</u> Central Study Area boundary | <u>—</u> Arsenal boundary   |
| <u>CSA 1-C</u> Site boundary         | <u>----</u> Sanitary sewer  |
| <u>B</u> Geophysical anomaly         | <u>●</u> Chemical sewer     |

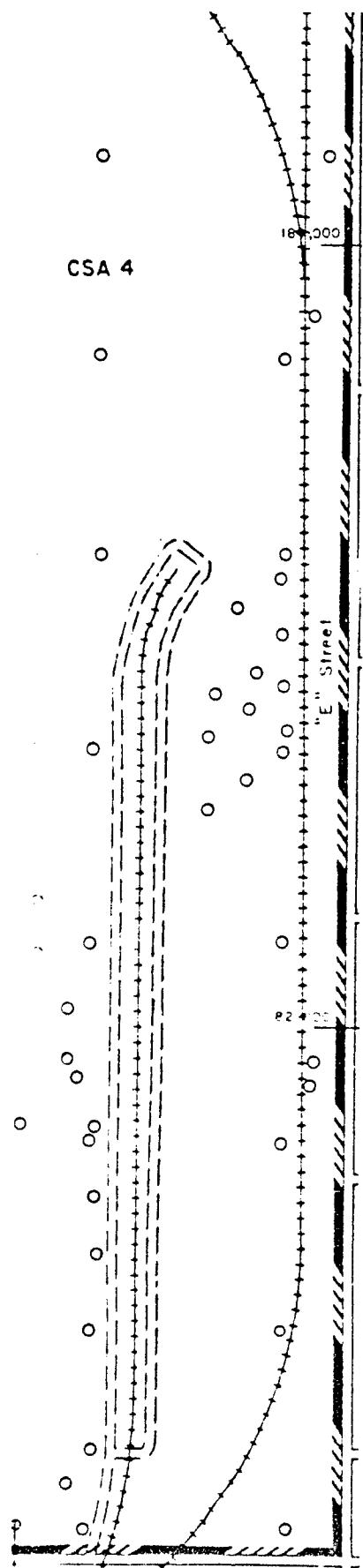
**ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)**

- Below Certified Reporting Limit (BCRL)
- 0.050 - 1.0
- 1.0 - 10
- 10 - 100
- >100









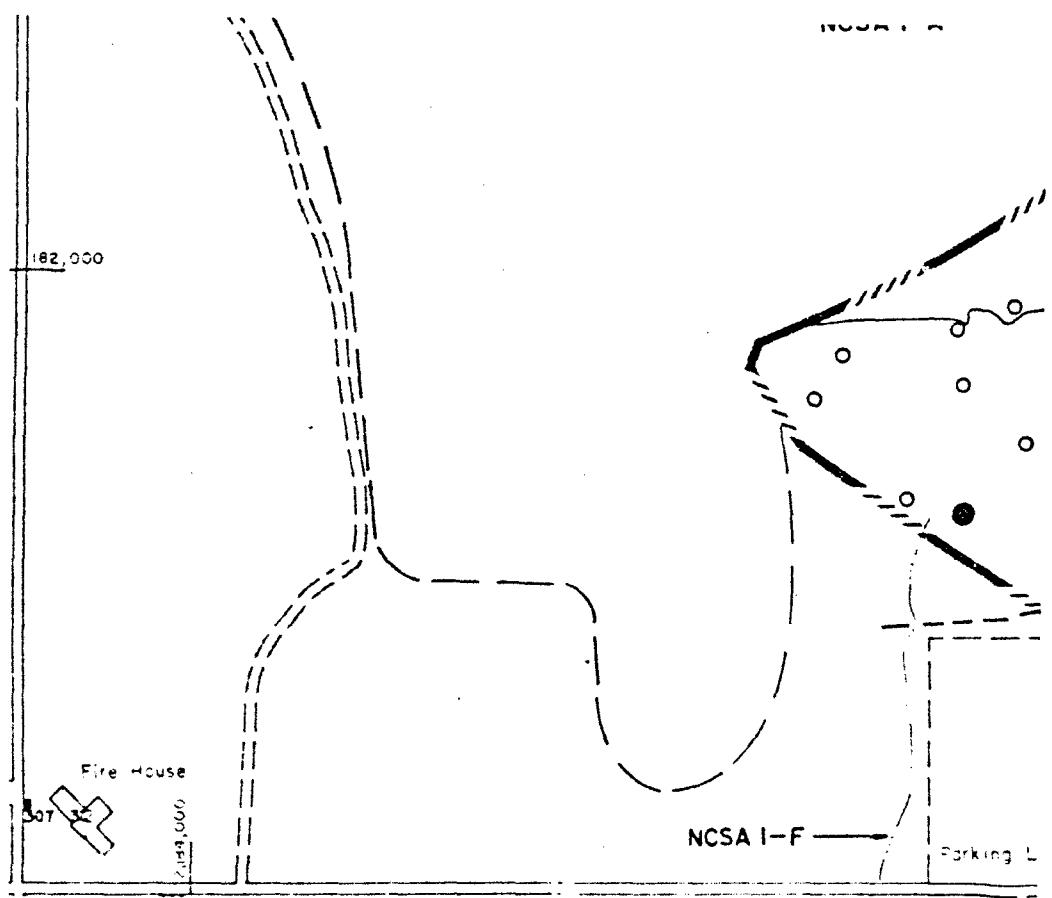
ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 25 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 34 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 2  | 7  |

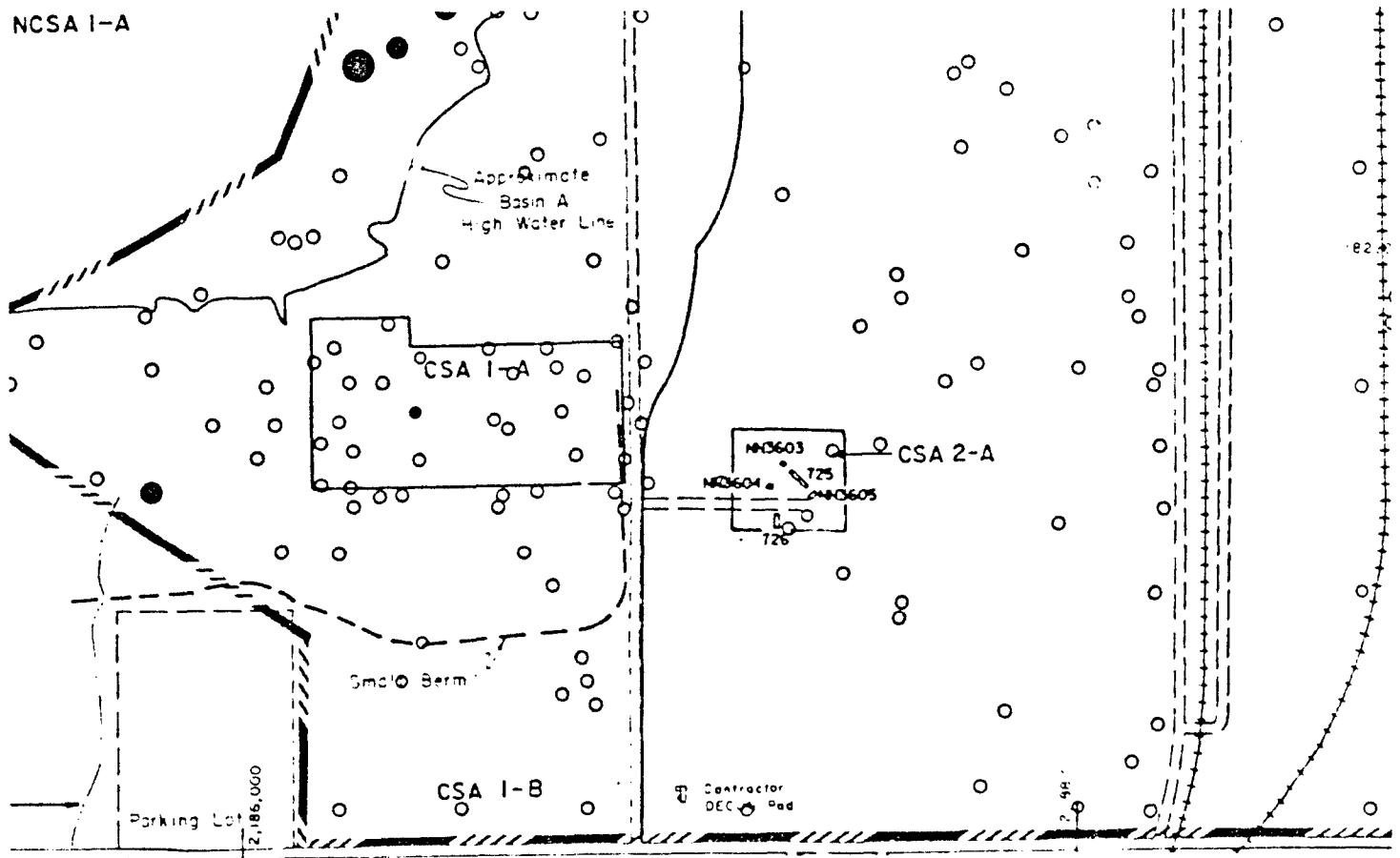
1" = 4 MILES

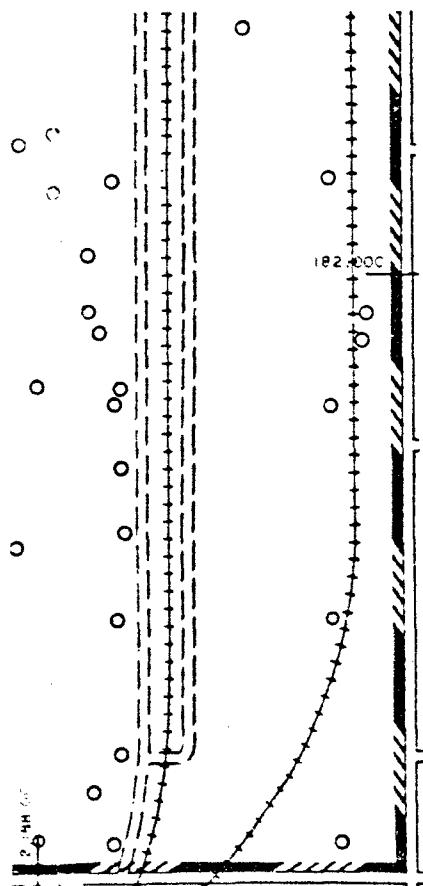


HOURLY



NCSA I-A

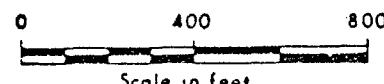




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 32 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 2  | 7  |

1" = 4 MILES



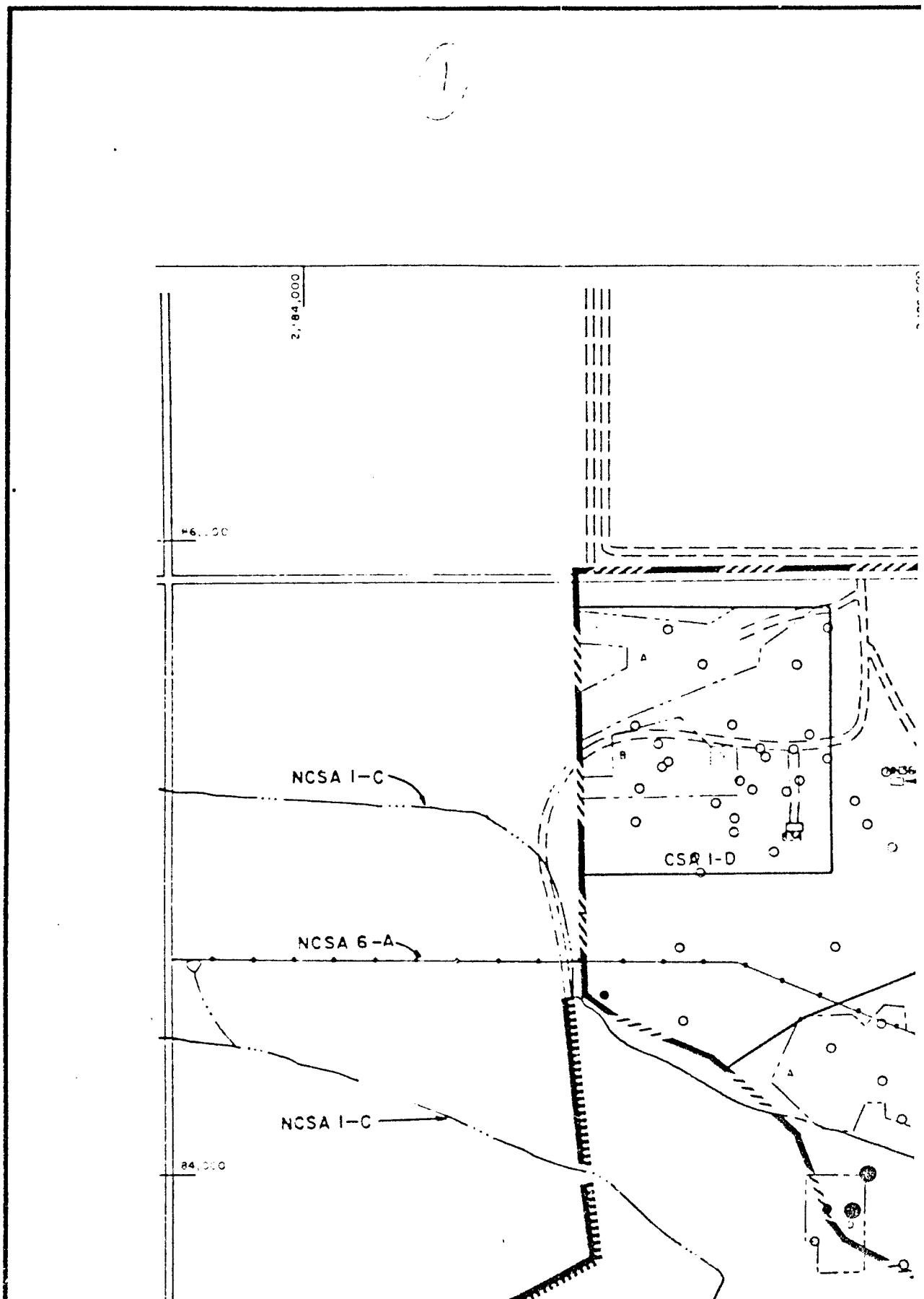
Prepared for:

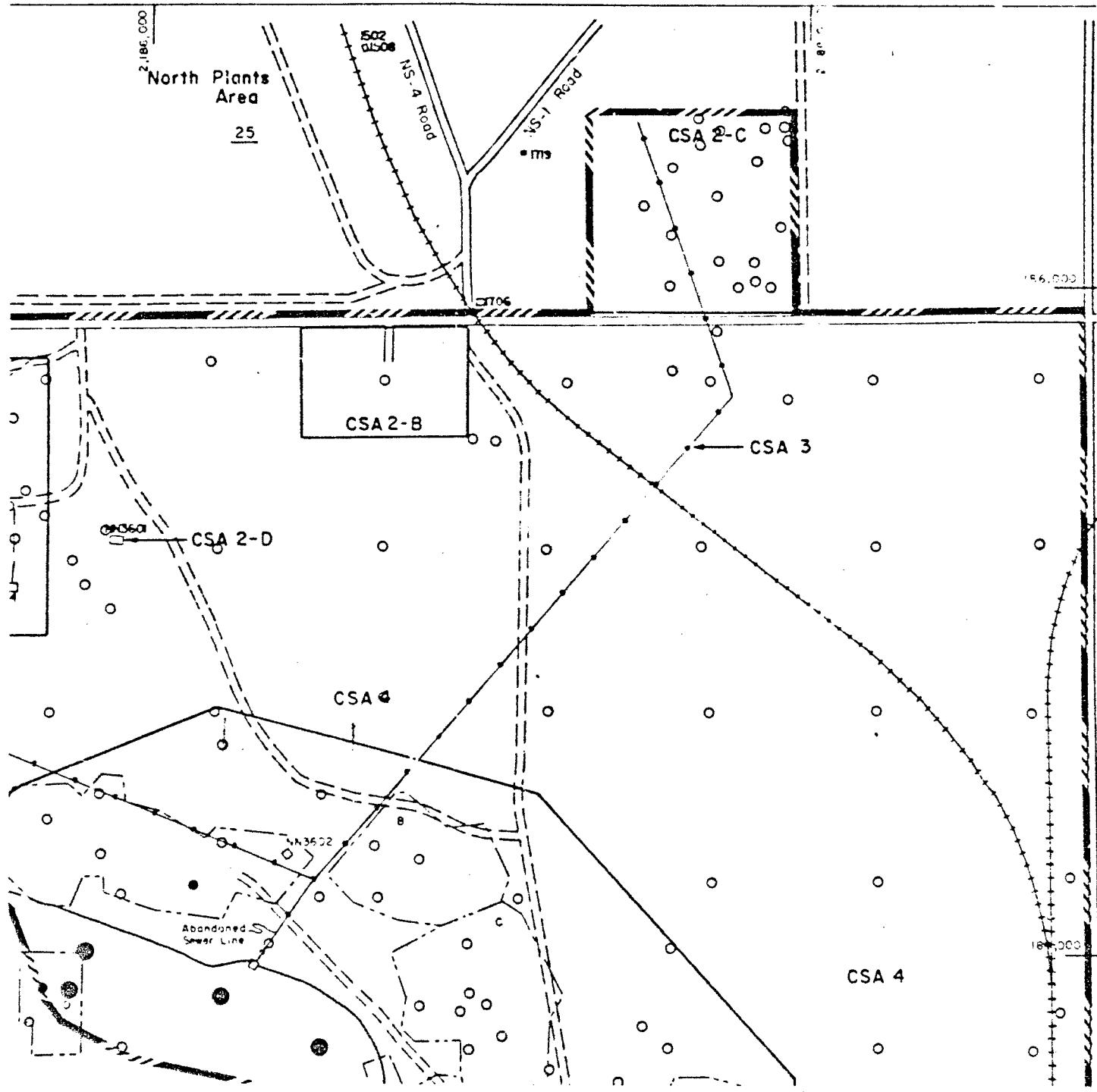
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

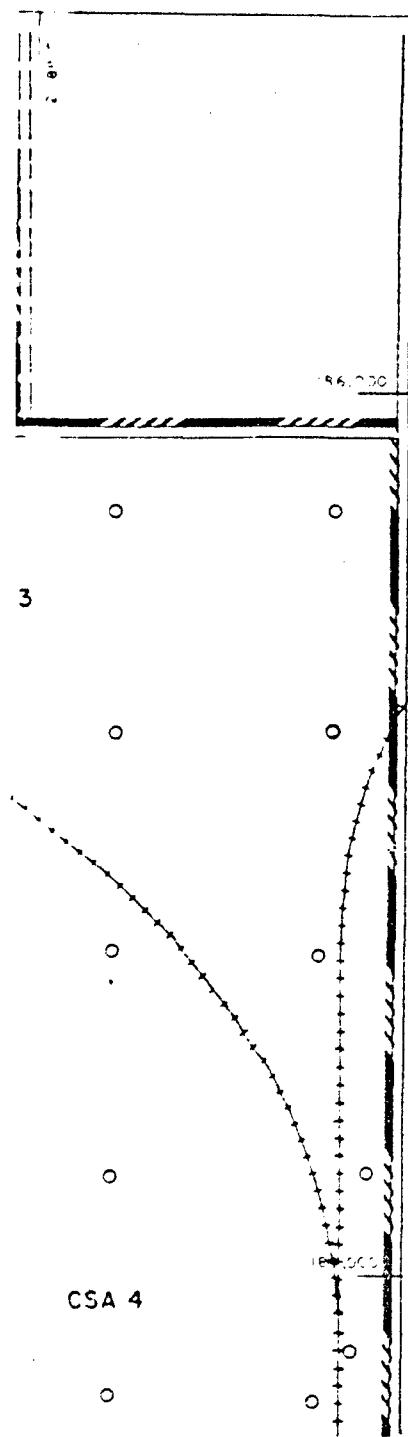
PLATE CSA 2.1-26

Organophosphorous Compounds  
GB-Agent Related in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





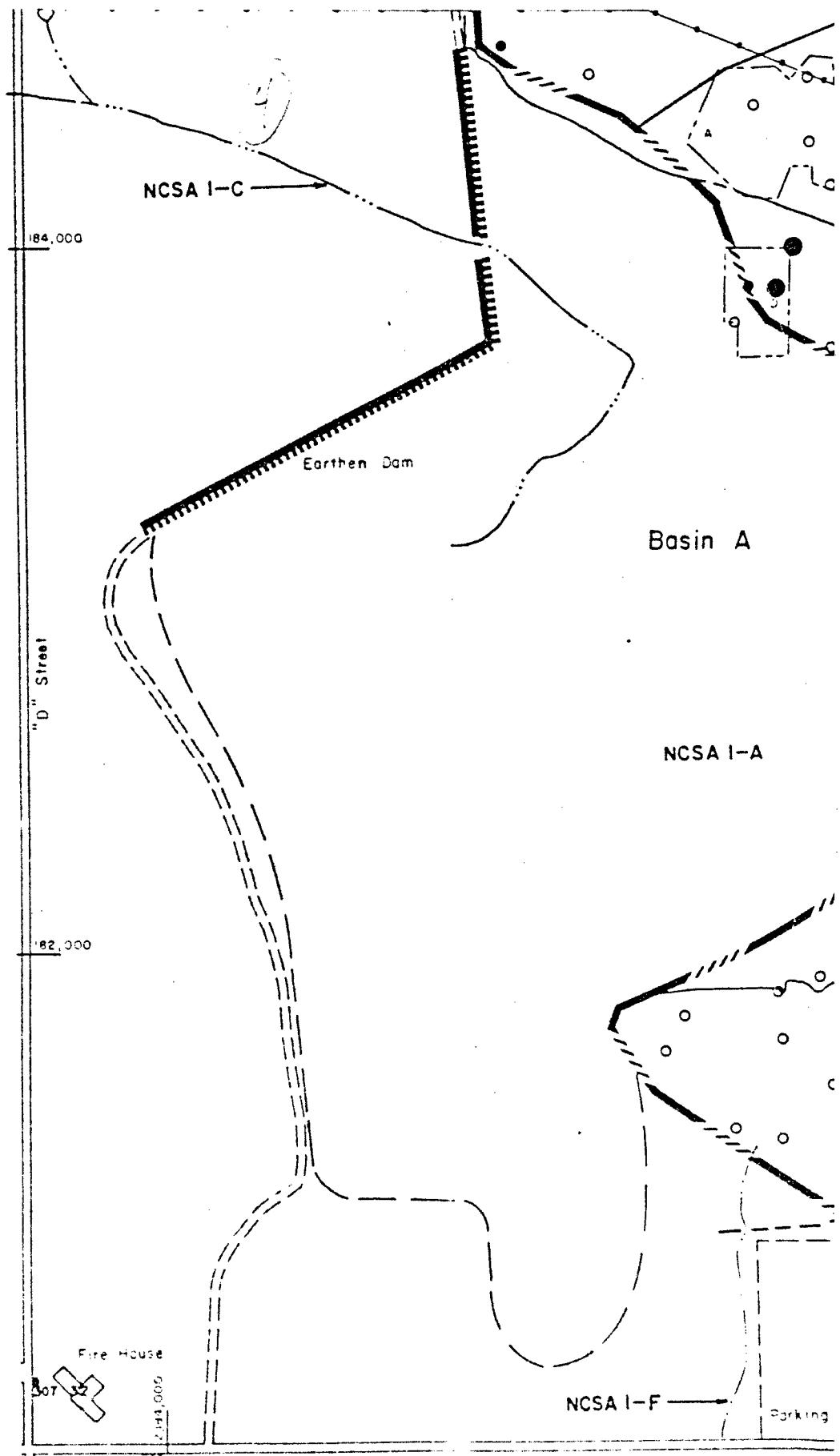


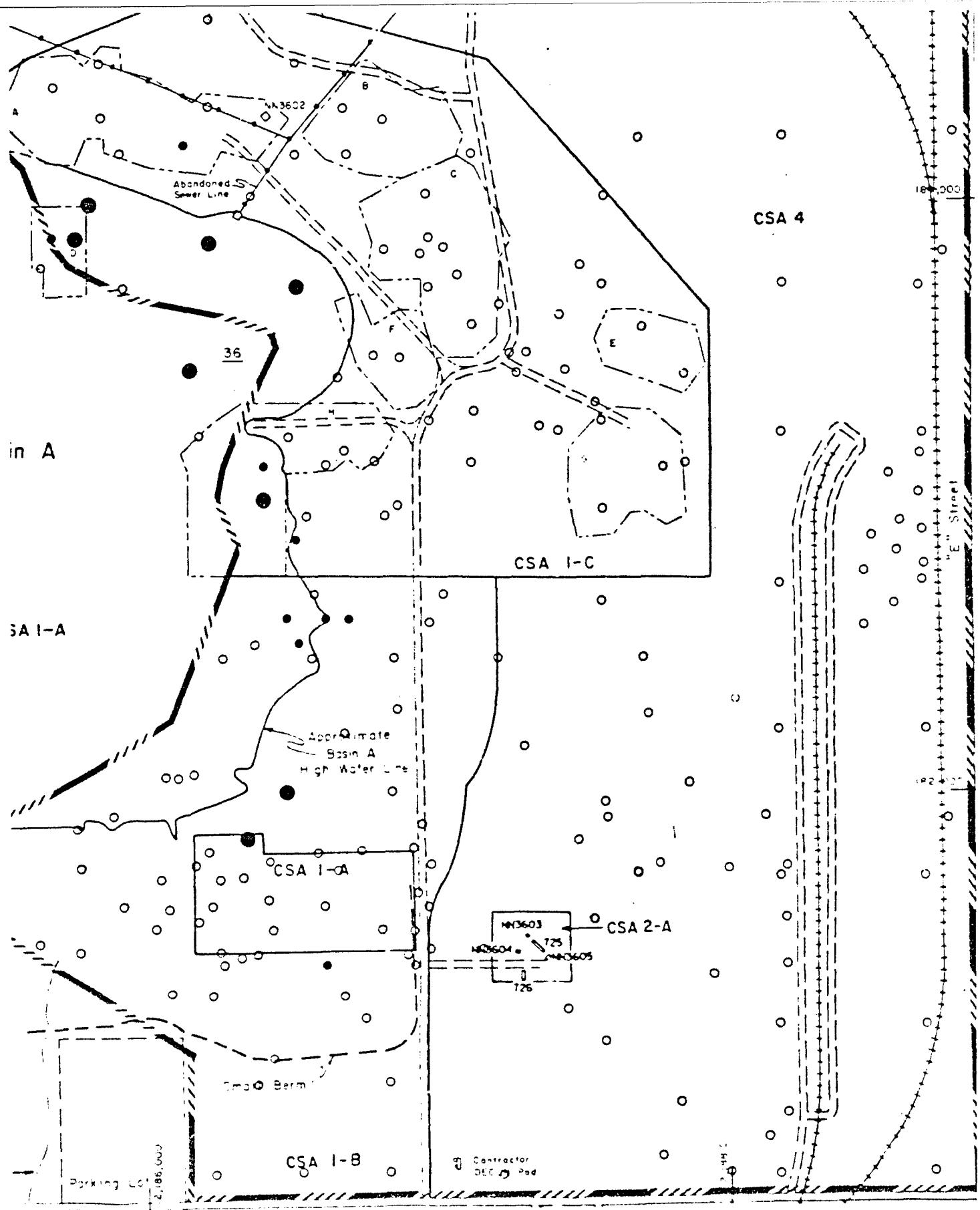
### Legend

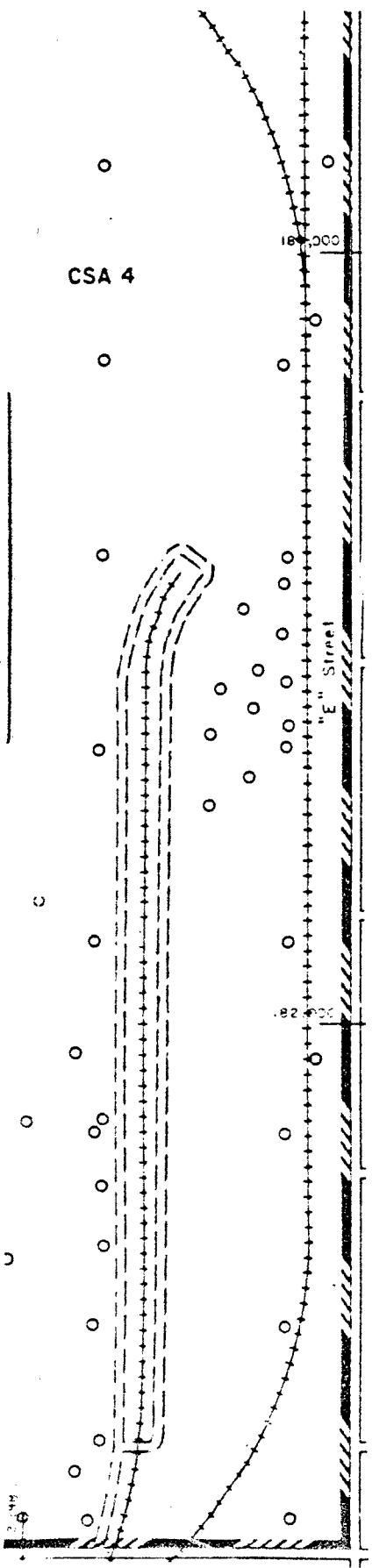
- Improved road**
- Unimproved road**
- Stream or ditch**
- Shore line**
- Section number**
- 186,000 State plane grid**
- Structure**
- Railroad tracks**
- Former structure**
- Central Study Area boundary**
- Arsenal boundary**
- CSA 1-C Site boundary**
- Sanitary sewer**
- B Geophysical anomaly**
- Chemical sewer**

### ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.050 - 1.0
- 1.0 - 10
- 10 - 100
- >100



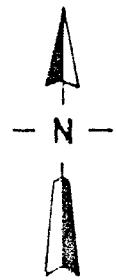




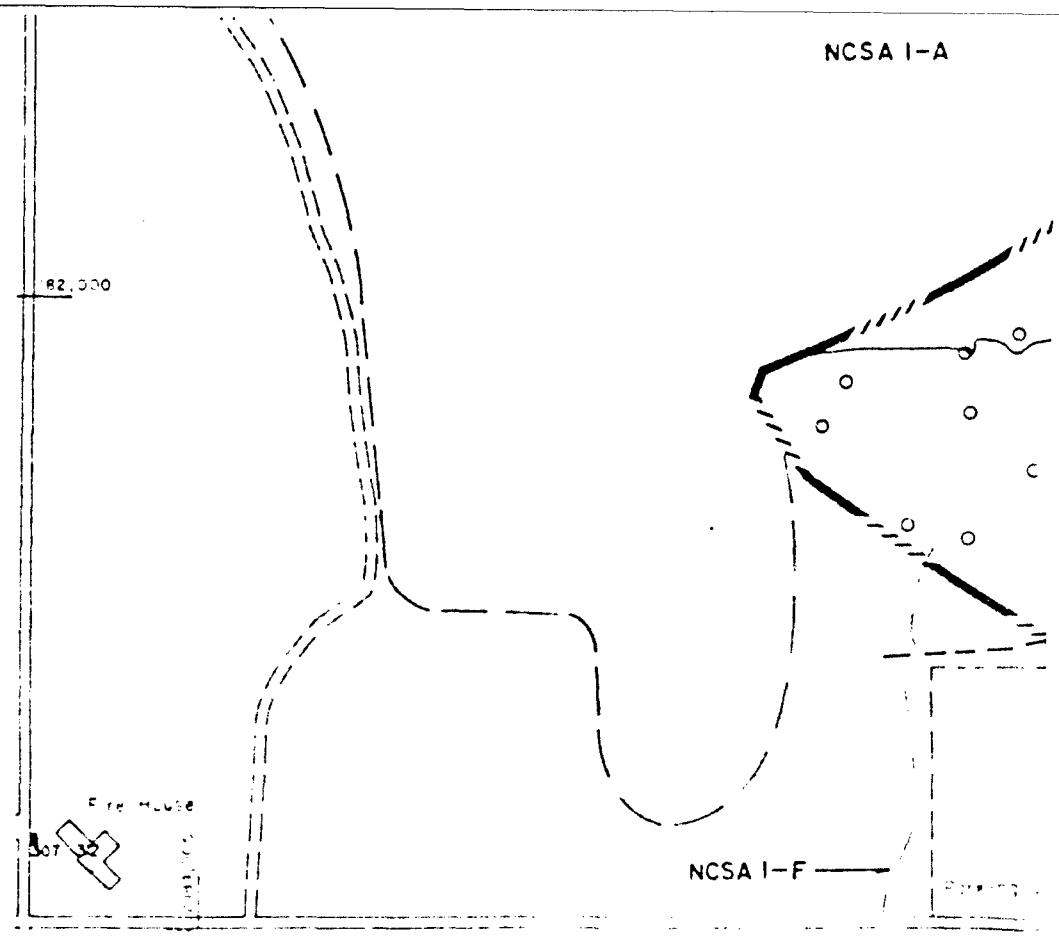
ROCKY MOUNTAIN ARSENAL  
LOCATION

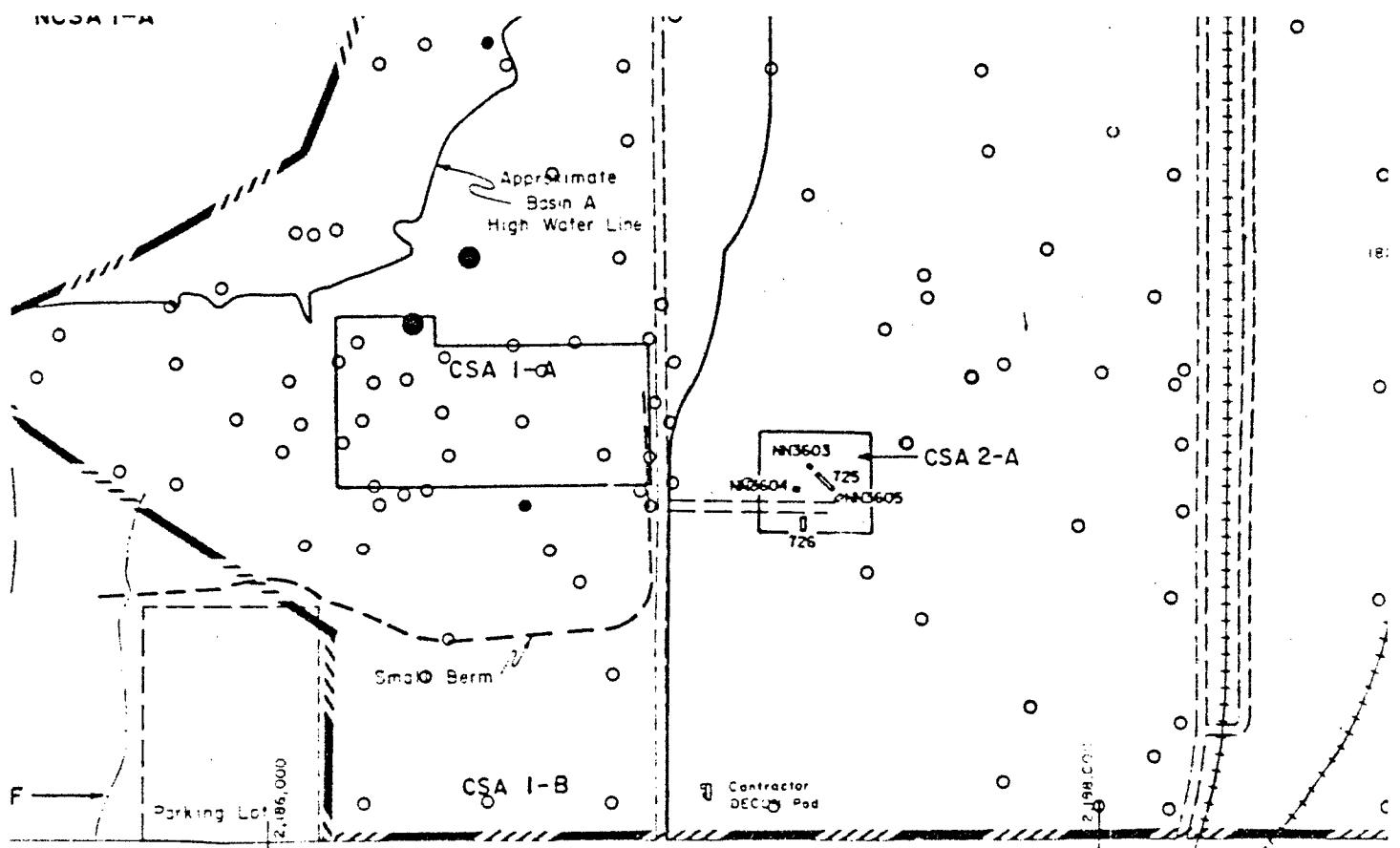
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 14 | 12 | 7  |

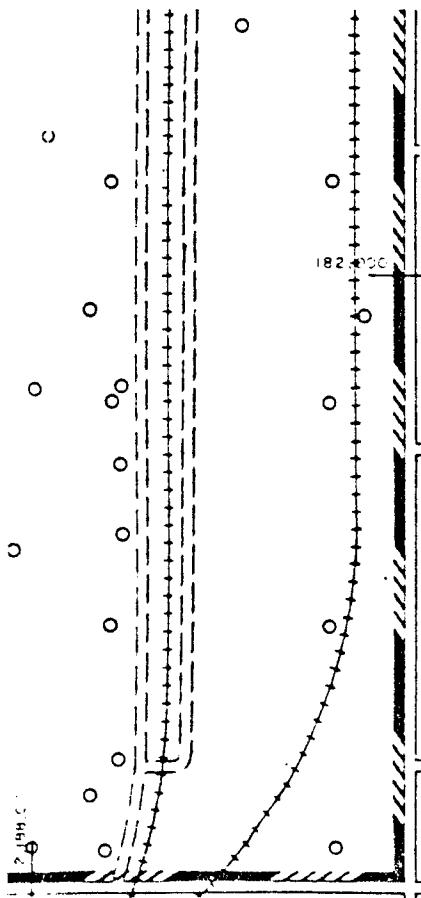
1" = 4 MILES



NCSA I-A



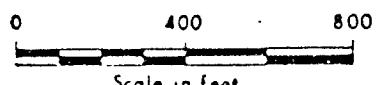
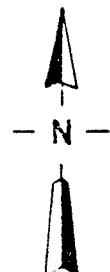




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

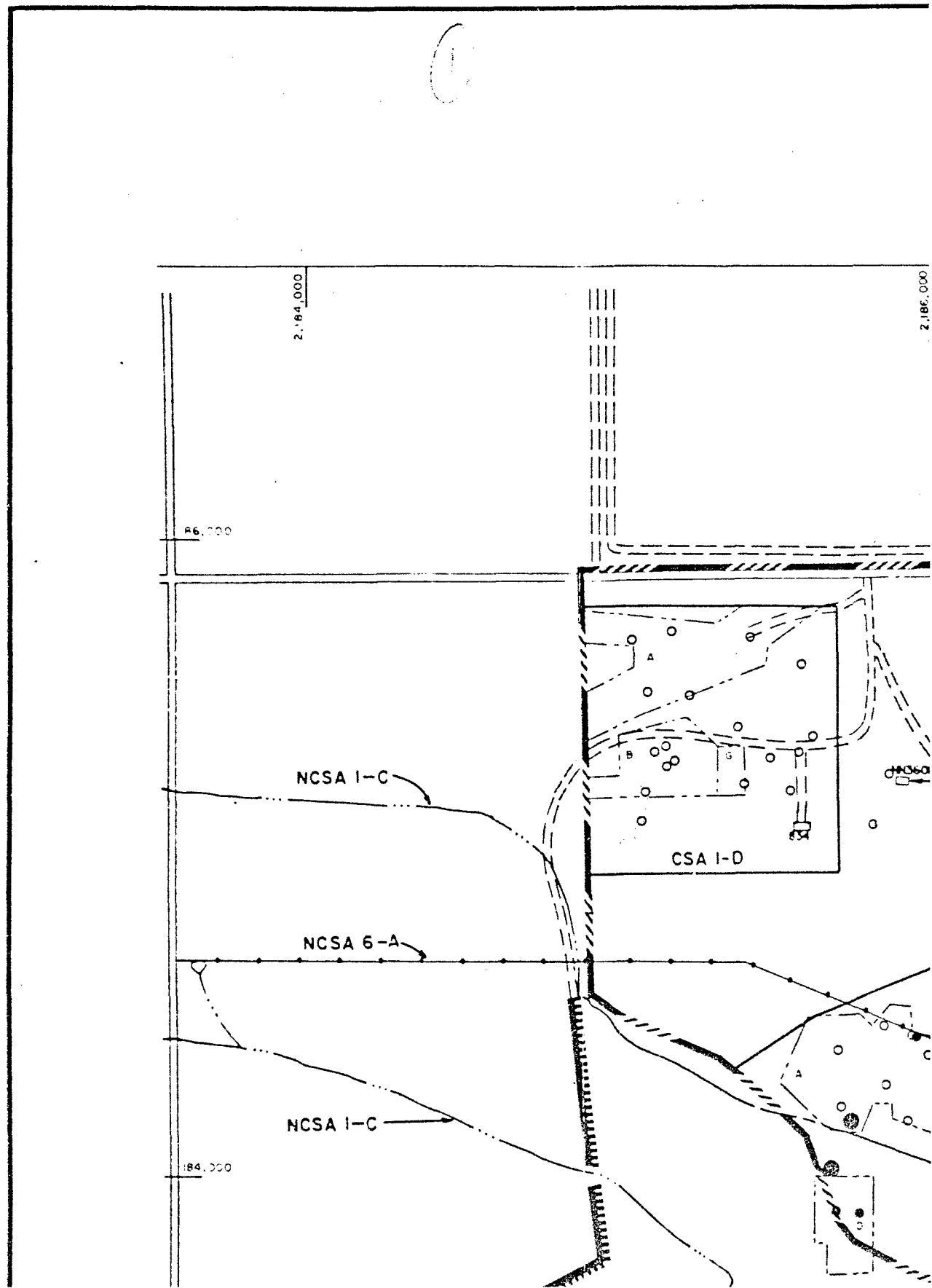


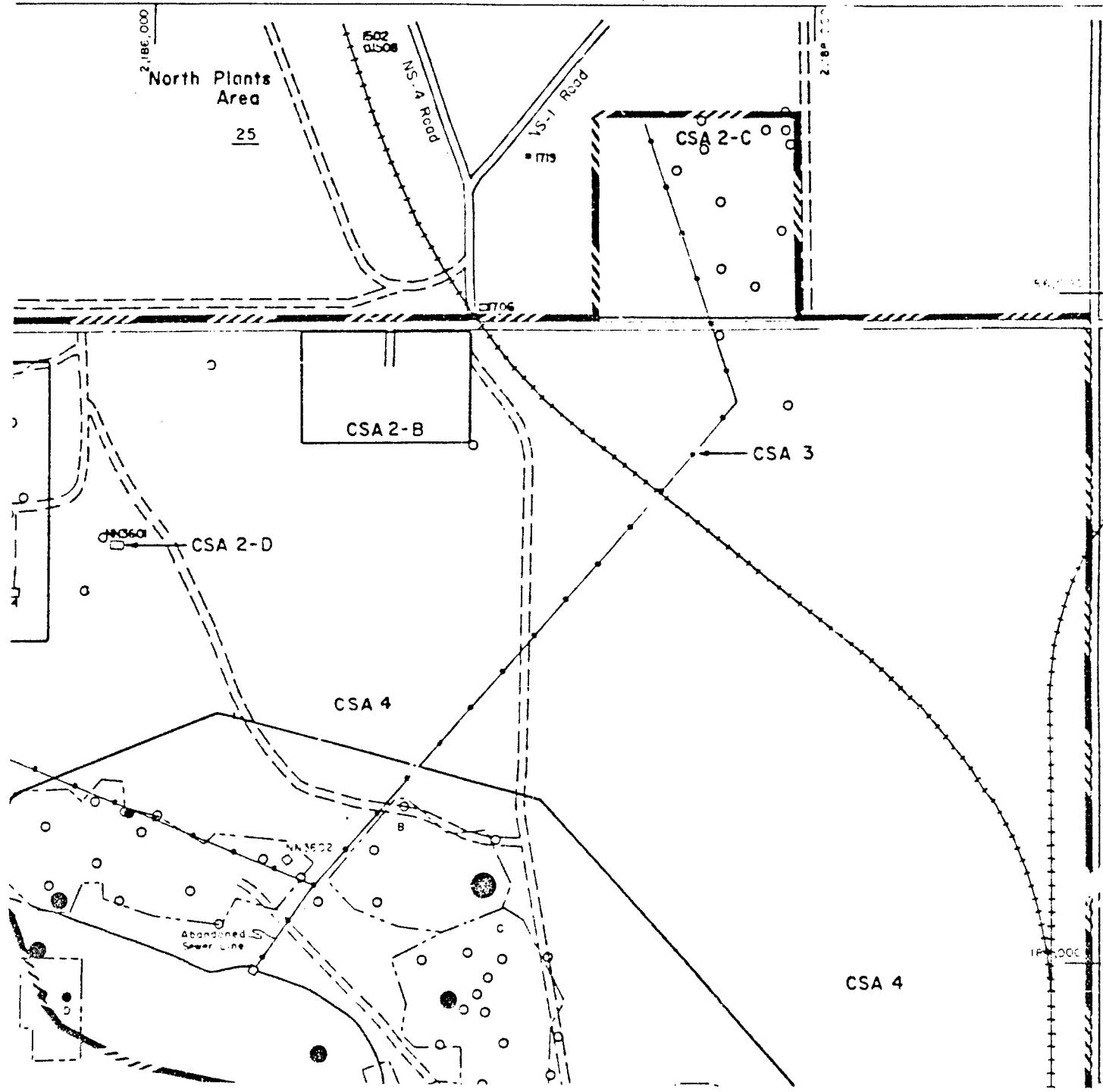
Prepared for:

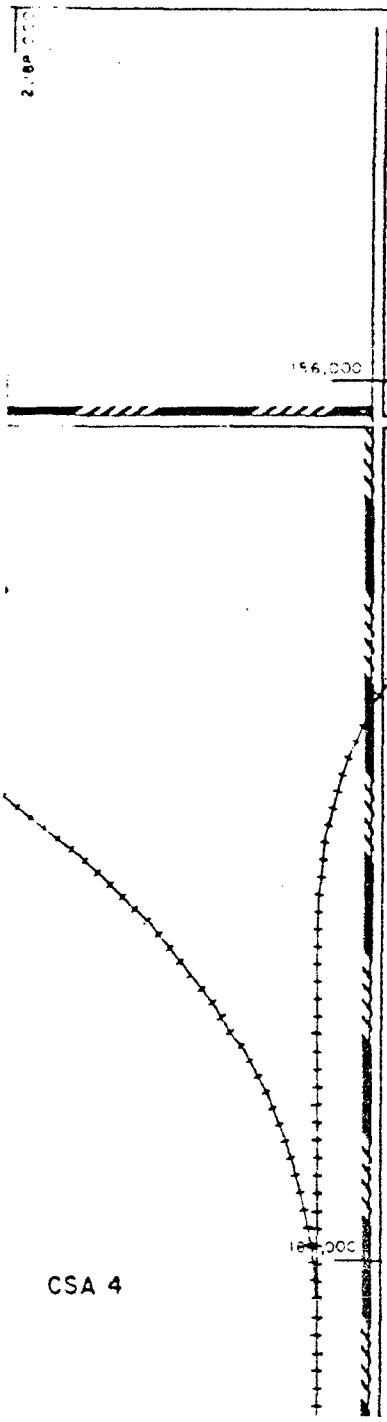
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-27  
Organophosphorous Compounds  
GB-Agent Related in Soils in the 2-5 ft Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



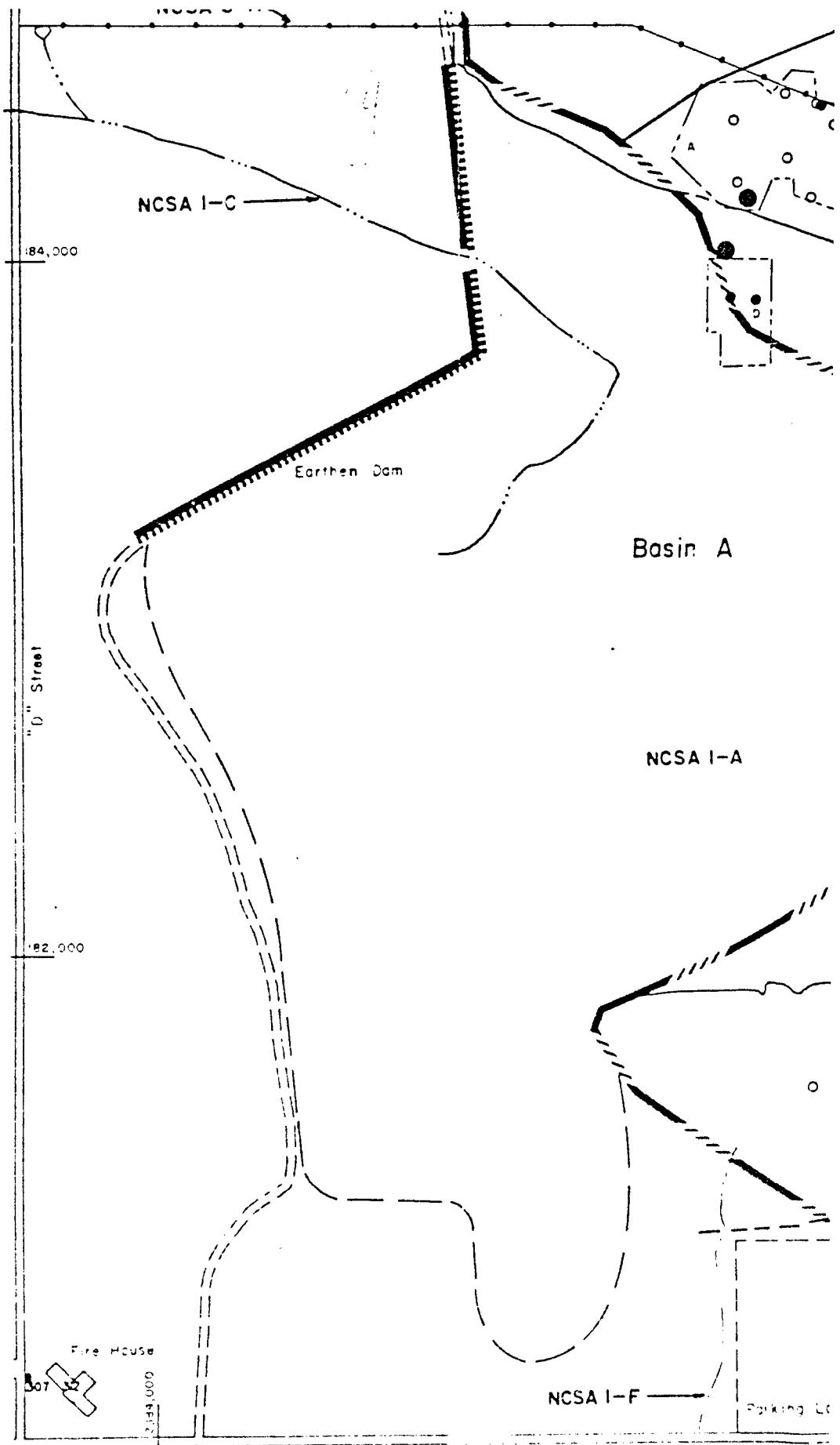


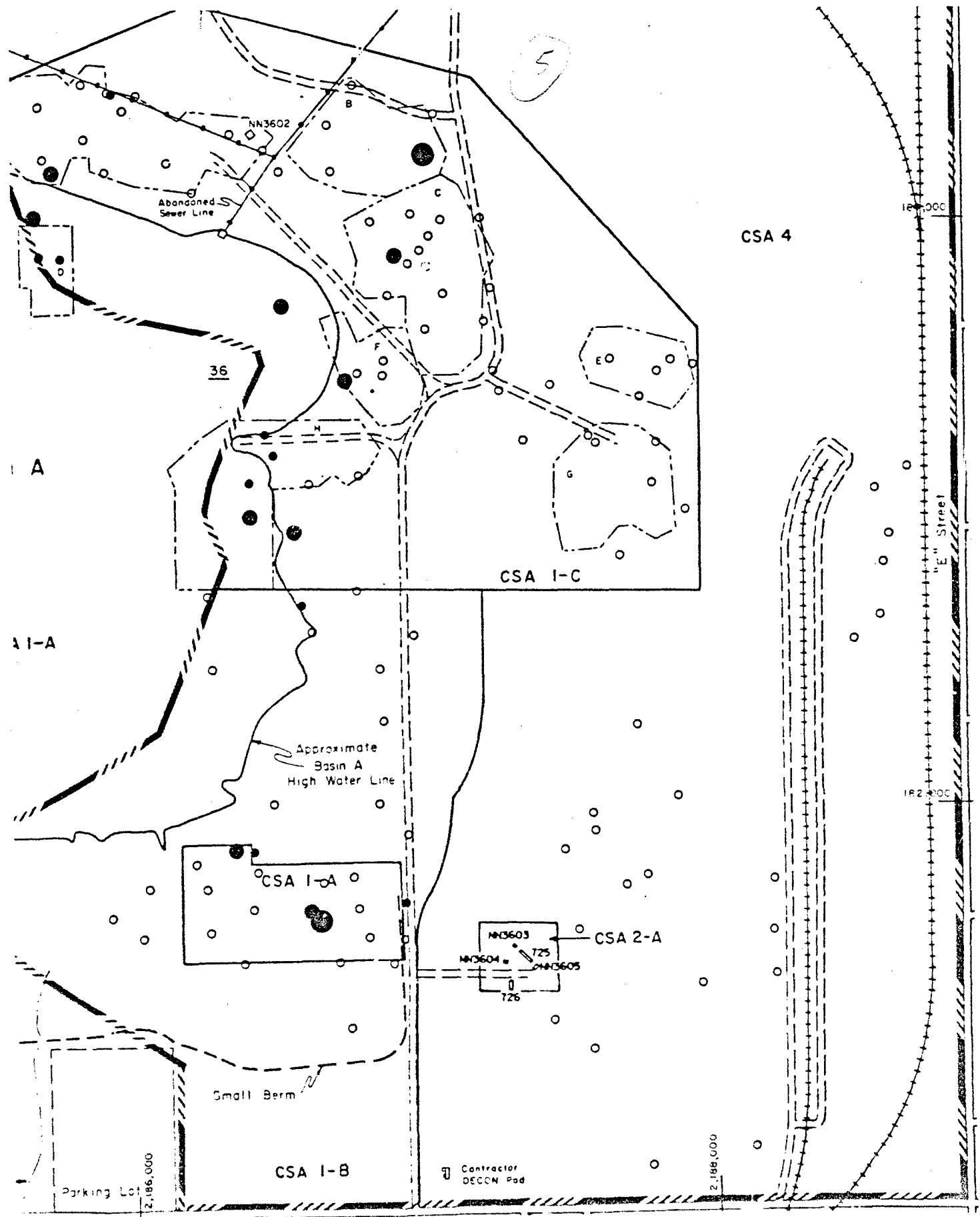


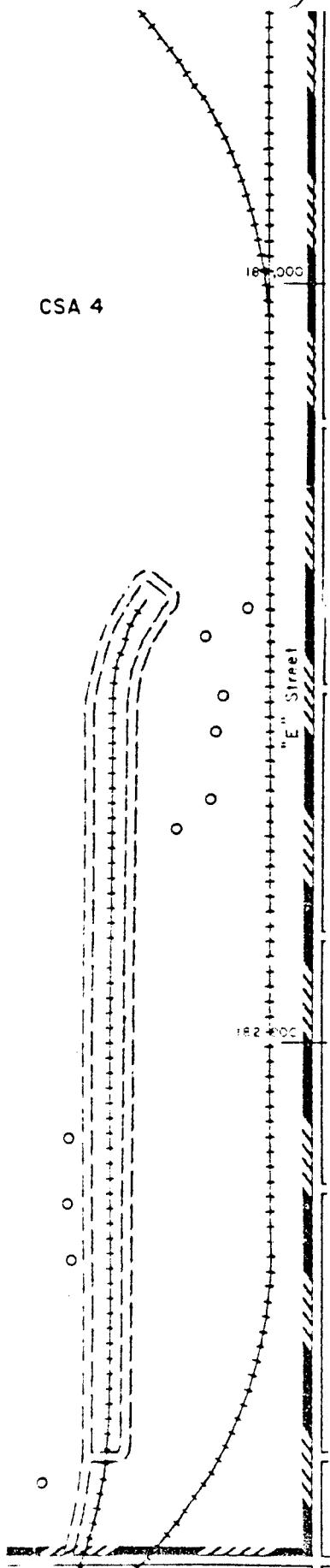
| <u>Legend</u>                            |                               |
|------------------------------------------|-------------------------------|
| <u>—</u> Improved road                   | <u>—</u> Unimproved road      |
| <u>- - - -</u> Stream or ditch           | <u>○</u> Shore line           |
| <u>—</u> Section number                  | <u>9</u>                      |
| <u>184,000</u> State plane grid          | <u>□</u> Structure            |
| <u>→ →</u> Railroad tracks               | <u>□</u> Former structure     |
| <u>— - -</u> Central Study Area boundary | <u>— - -</u> Arsenal boundary |
| <u>CSA 1-C</u> Site boundary             | <u>-----</u> Sanitary sewer   |
| <u>— - -</u> Geophysical anomaly         | <u>— - -</u> Chemical sewer   |

#### ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.050 - 1.0
- 1.0 - 10
- 10 - 100
- >100



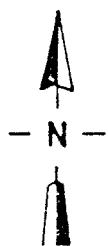




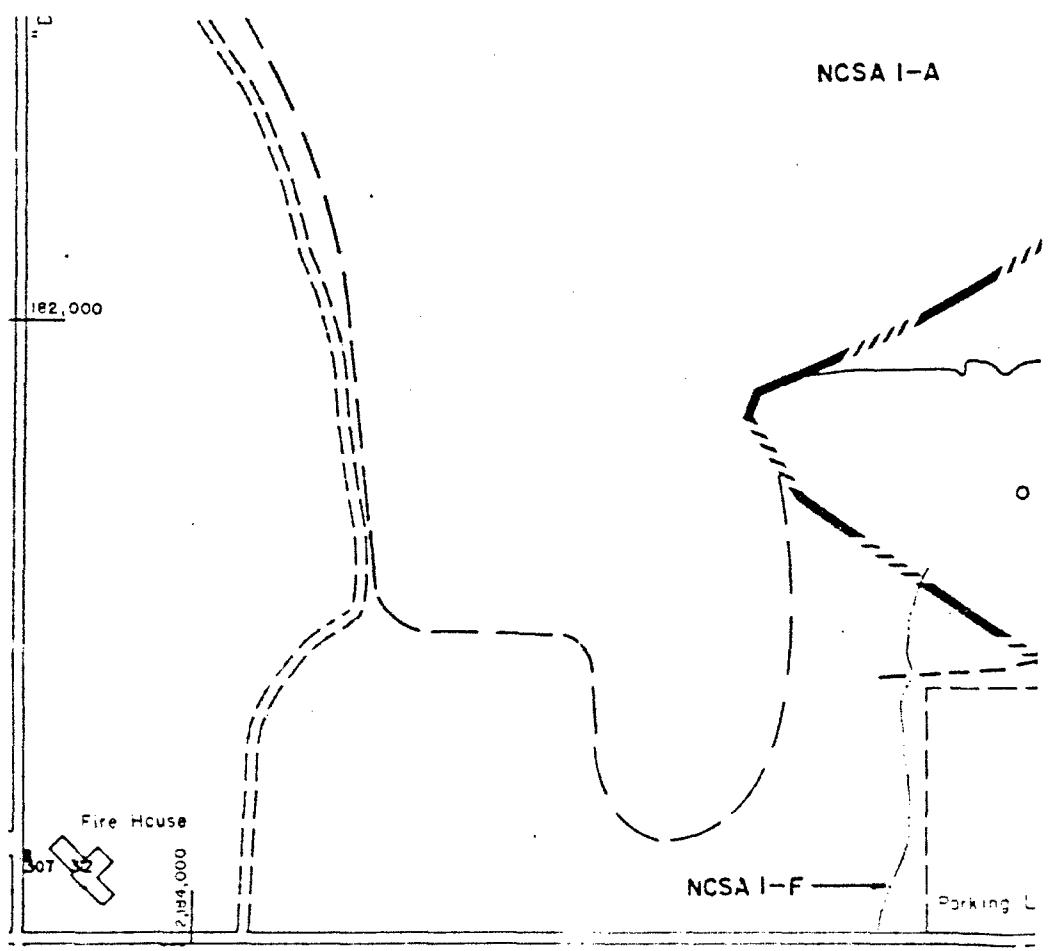
ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

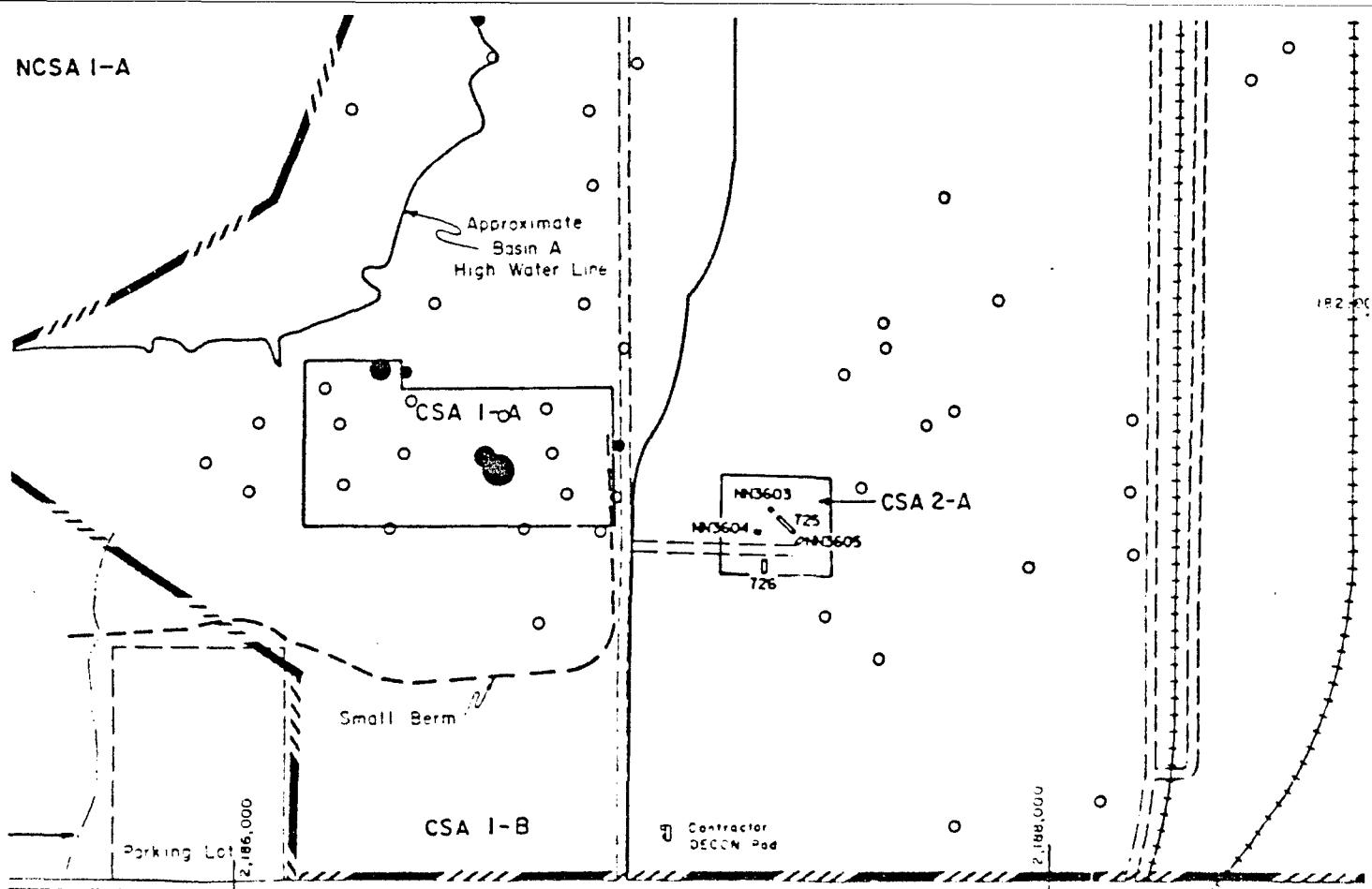
1" = 4 MILES



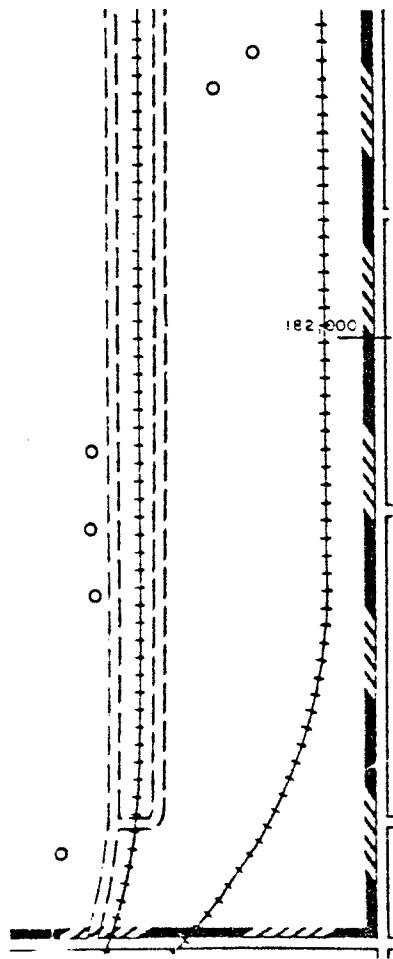
NCSA I-A



NCSA I-A



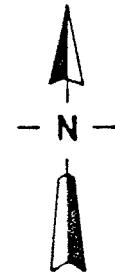
NCSA 6-A



ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 5  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

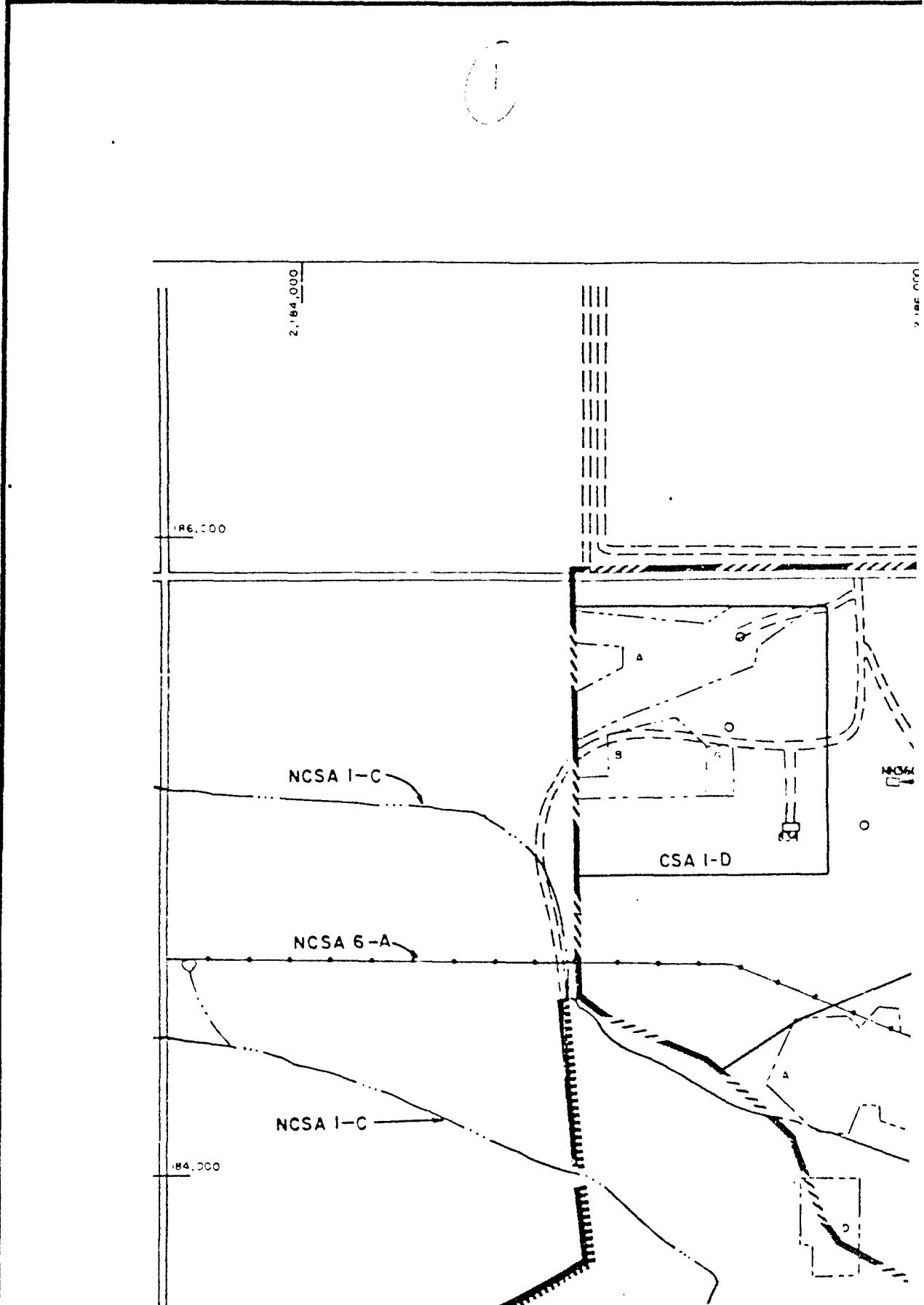


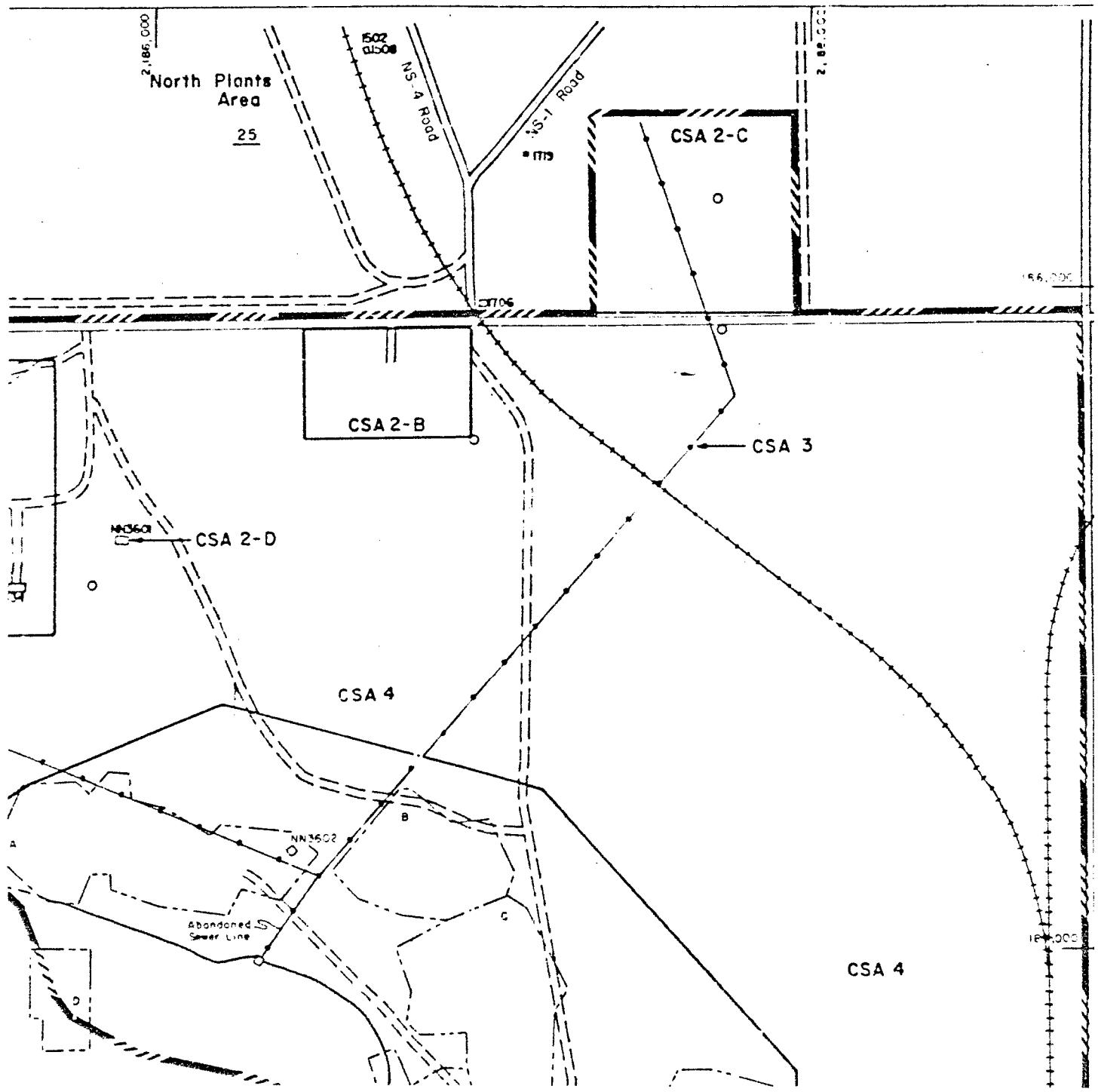
Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-28  
Organophosphorous Compounds  
GB-Agent Related  
in Soils in the 5-20 ft. Interval

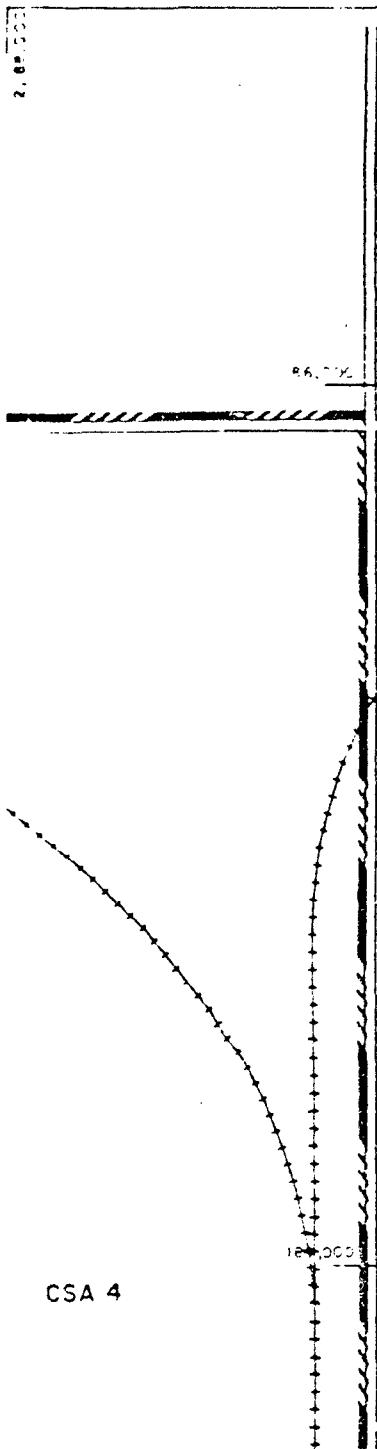
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





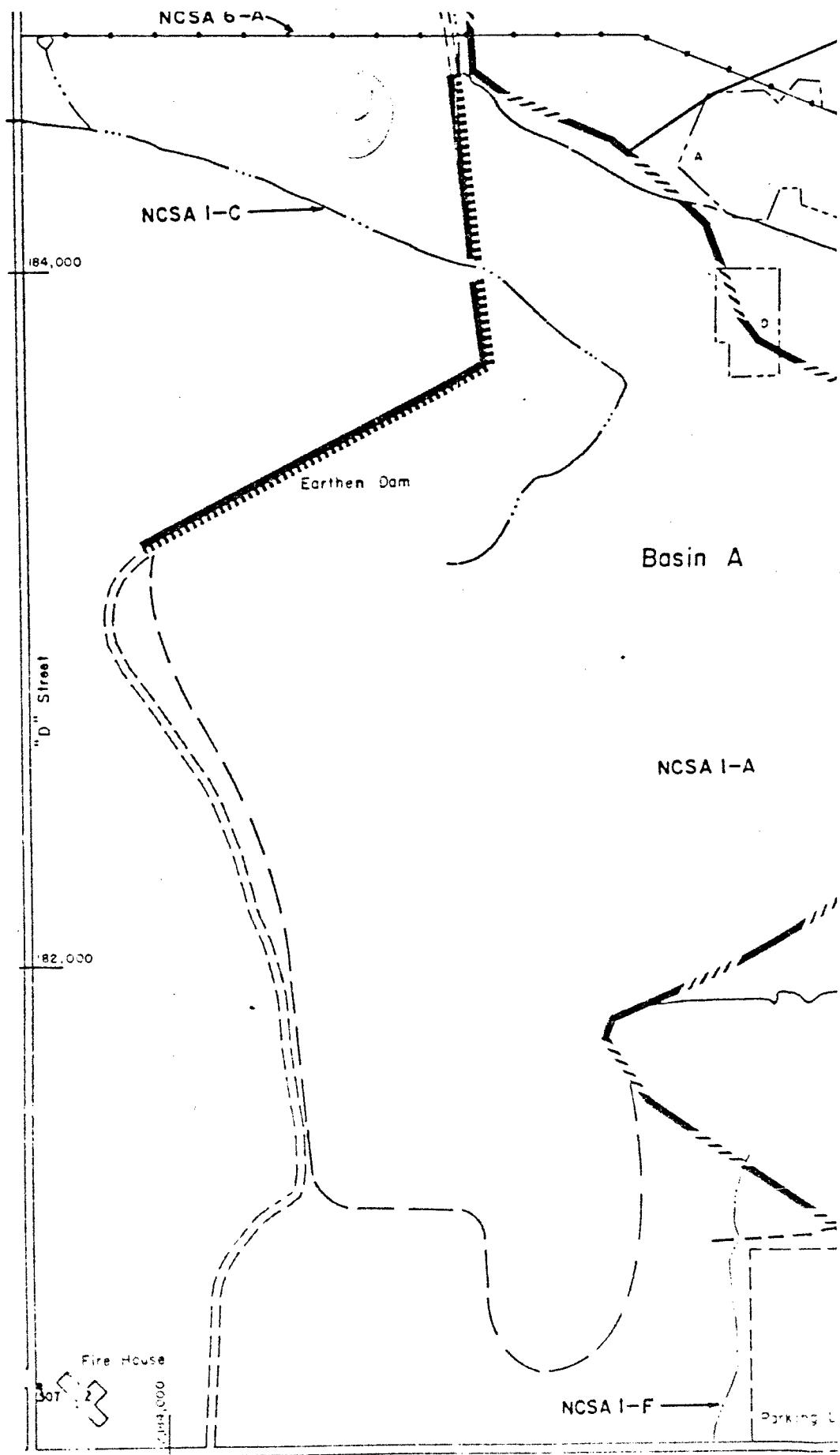
Legend

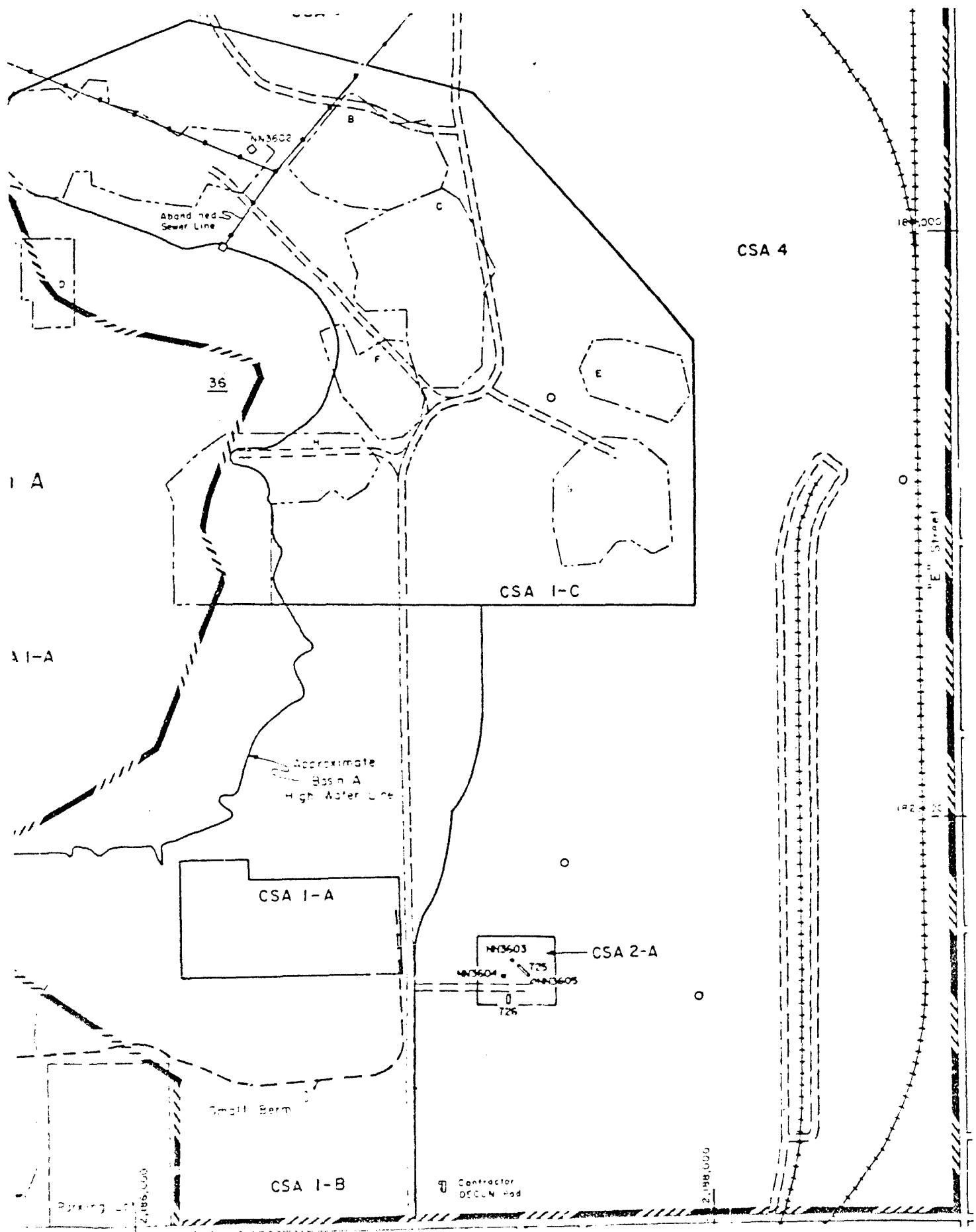
- |                                        |                             |
|----------------------------------------|-----------------------------|
| <u>====</u> Improved road              | <u>====</u> Unimproved road |
| <u>~~~~~</u> Stream or ditch           | ( <u>o</u> ) Shore line     |
|                                        | <u>9</u> Section number     |
| <u>186,000</u> State plane grid        |                             |
| <u>←→</u> Railroad tracks              | [ ] Structure               |
| <u>—·—</u> Central Study Area boundary | [---] Former structure      |
| <u>CSA I-C</u> Site Boundary           | <u>—</u> Arsenal boundary   |
| <u>—·—</u> Geophysical anomaly         | <u>-----</u> Sanitary sewer |
|                                        | - - - - Chemical sewer      |

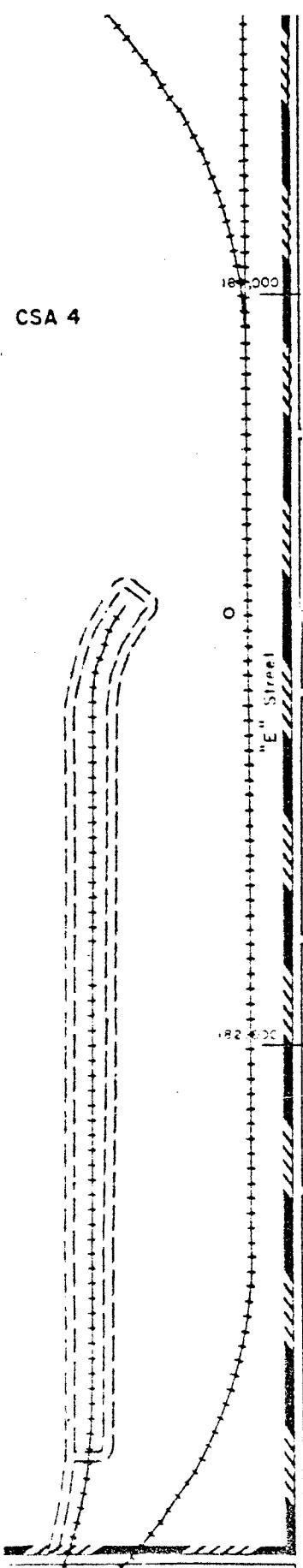


ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit 'BCRL'
- 0.050 - 1.0
- 1.0 - 10
- 10 - 100
- >100





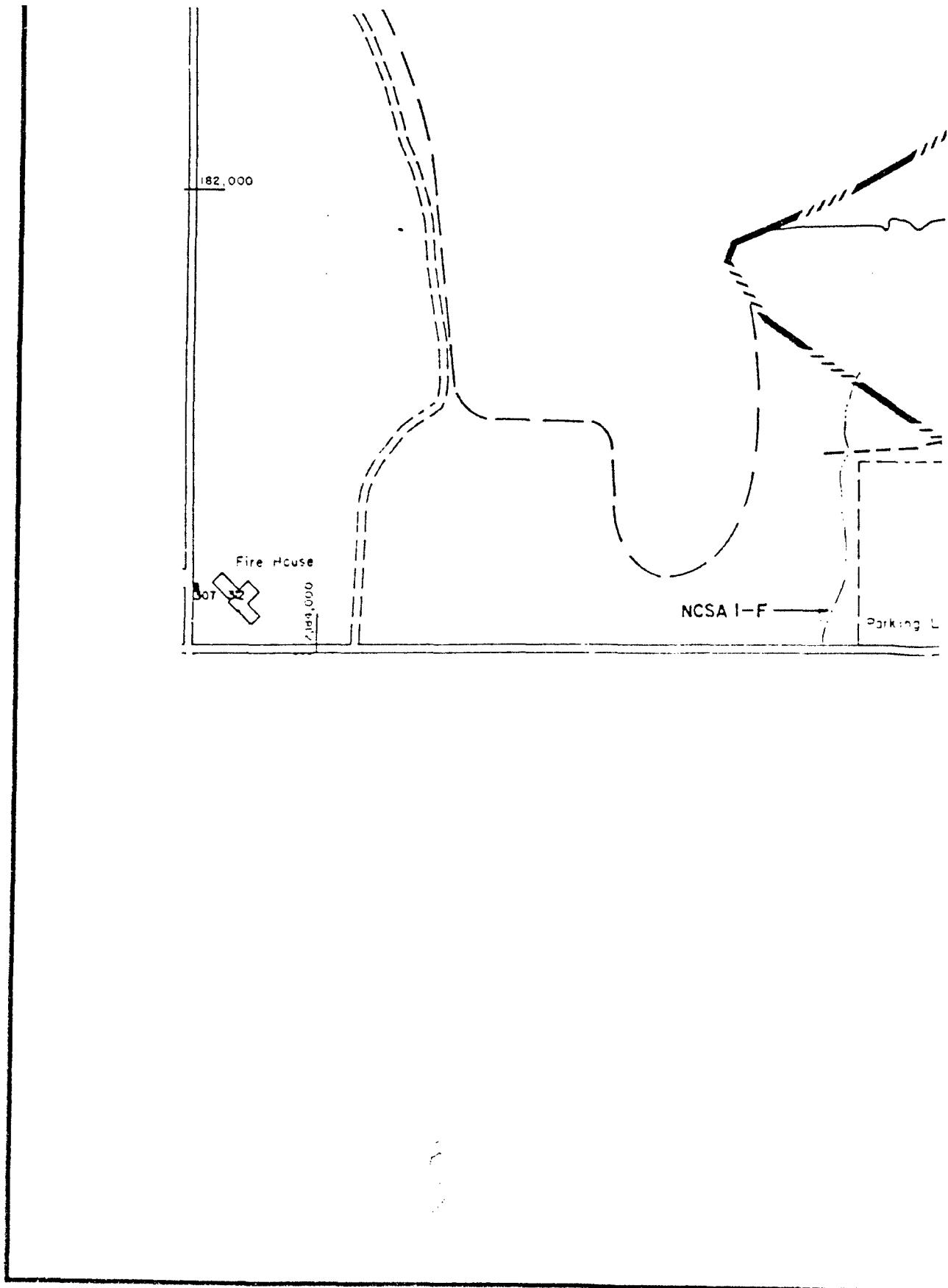


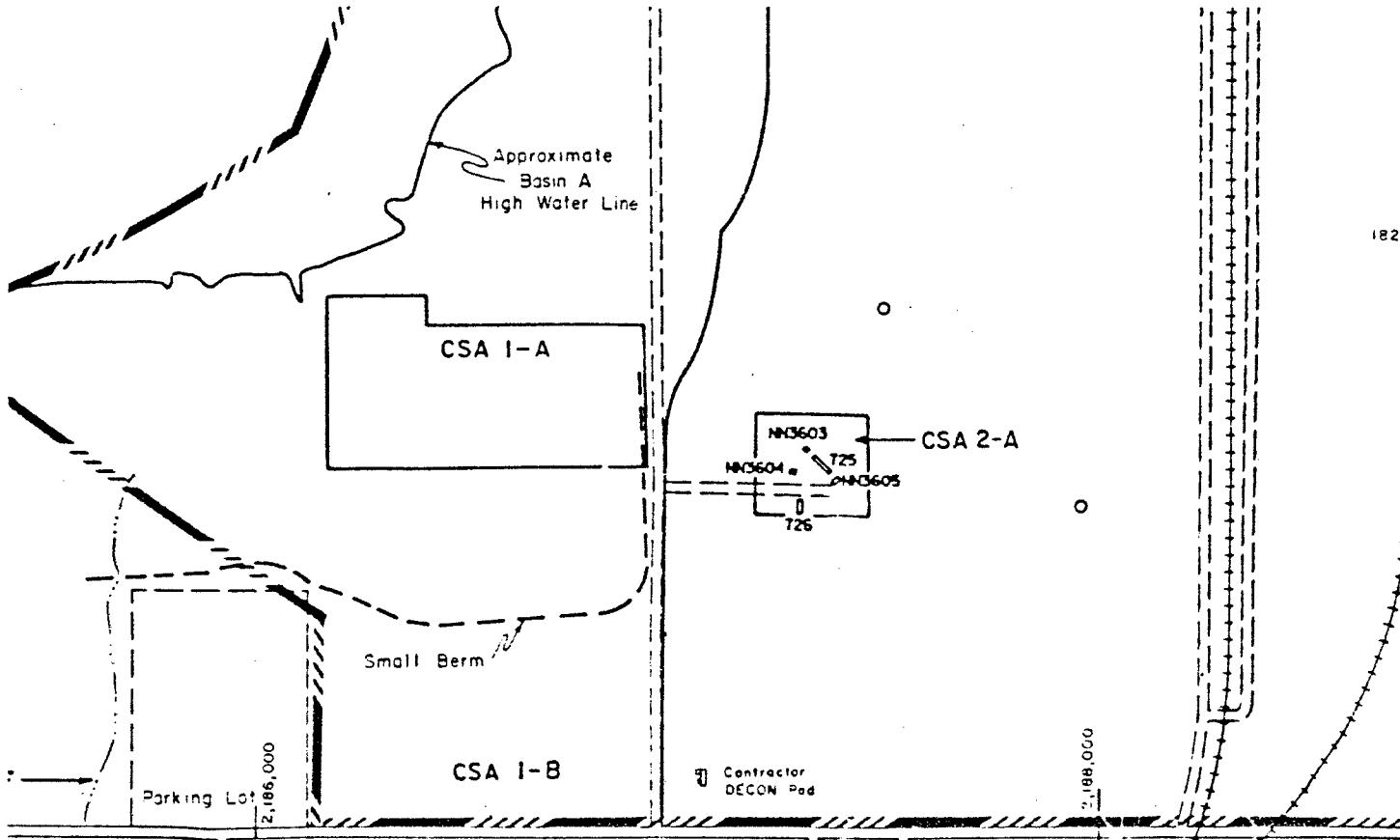
ROCKY MOUNTAIN ARSENAL  
LOCATION

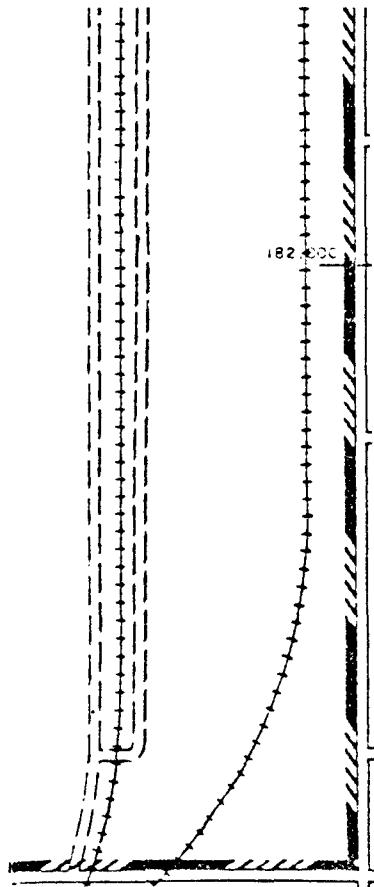
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES





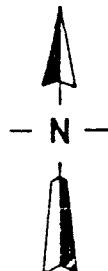




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 5  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES

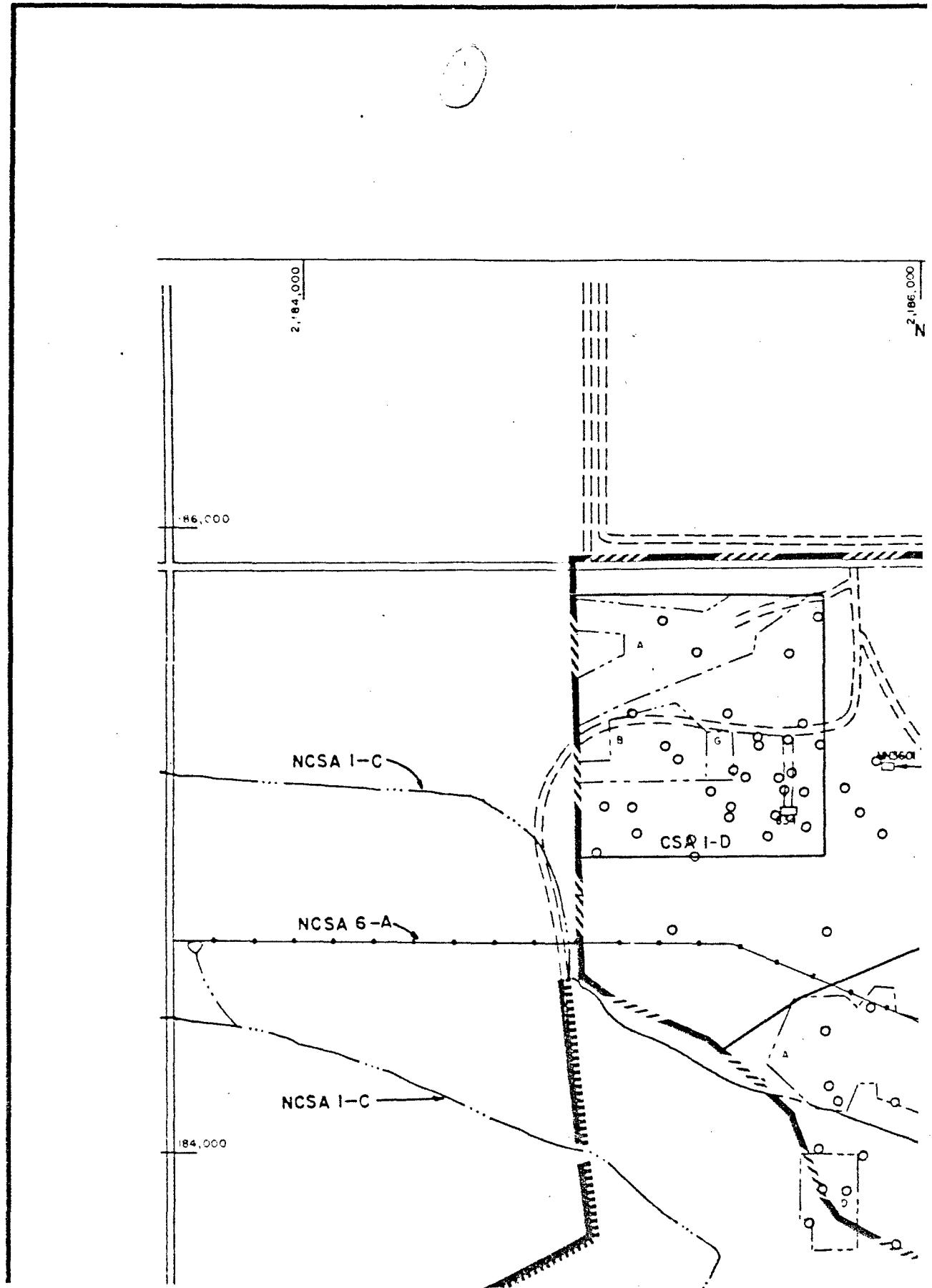


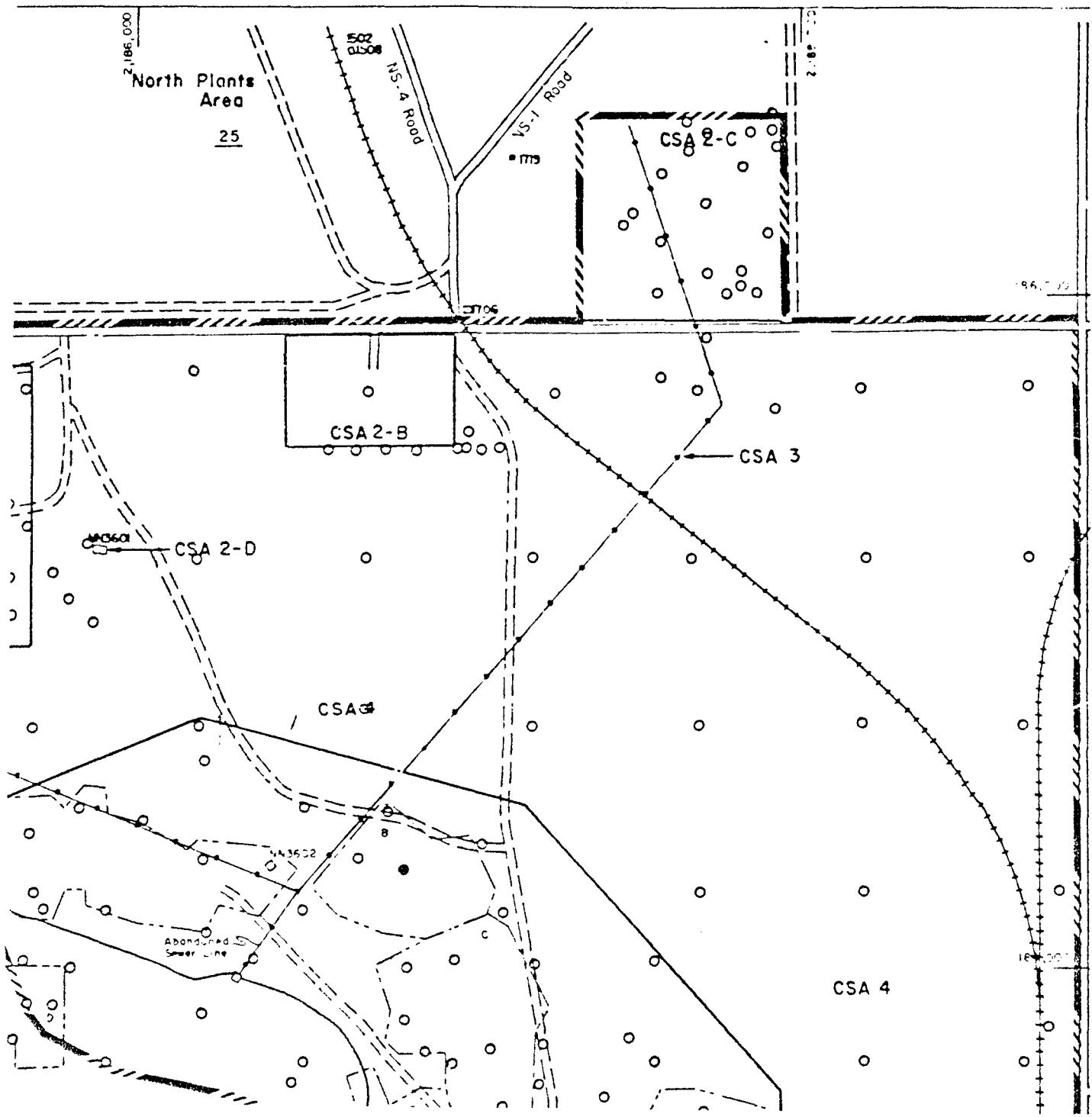
Prepared for:

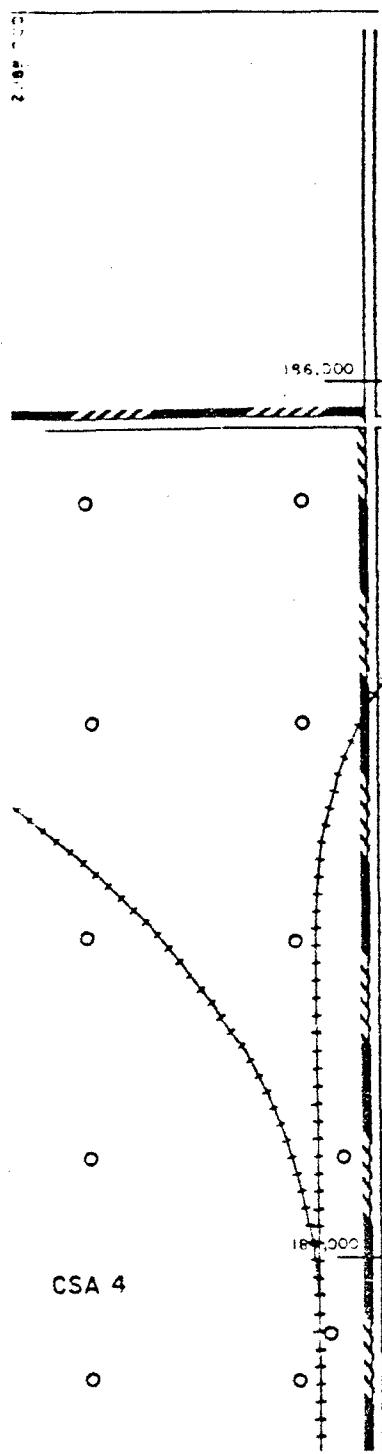
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-29  
Organophosphorous Compounds  
GB-Agent Related  
in Soils in the >20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





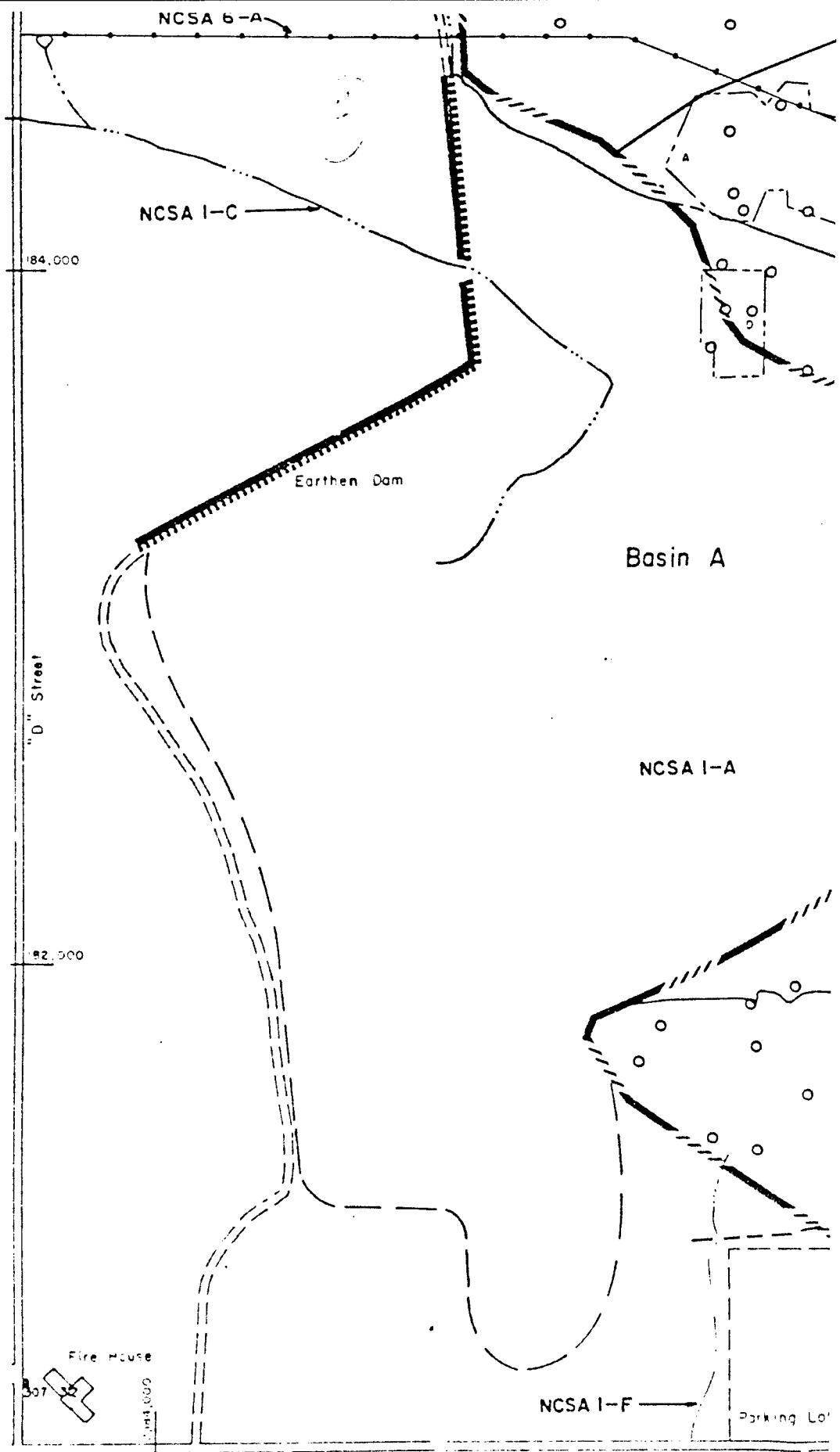


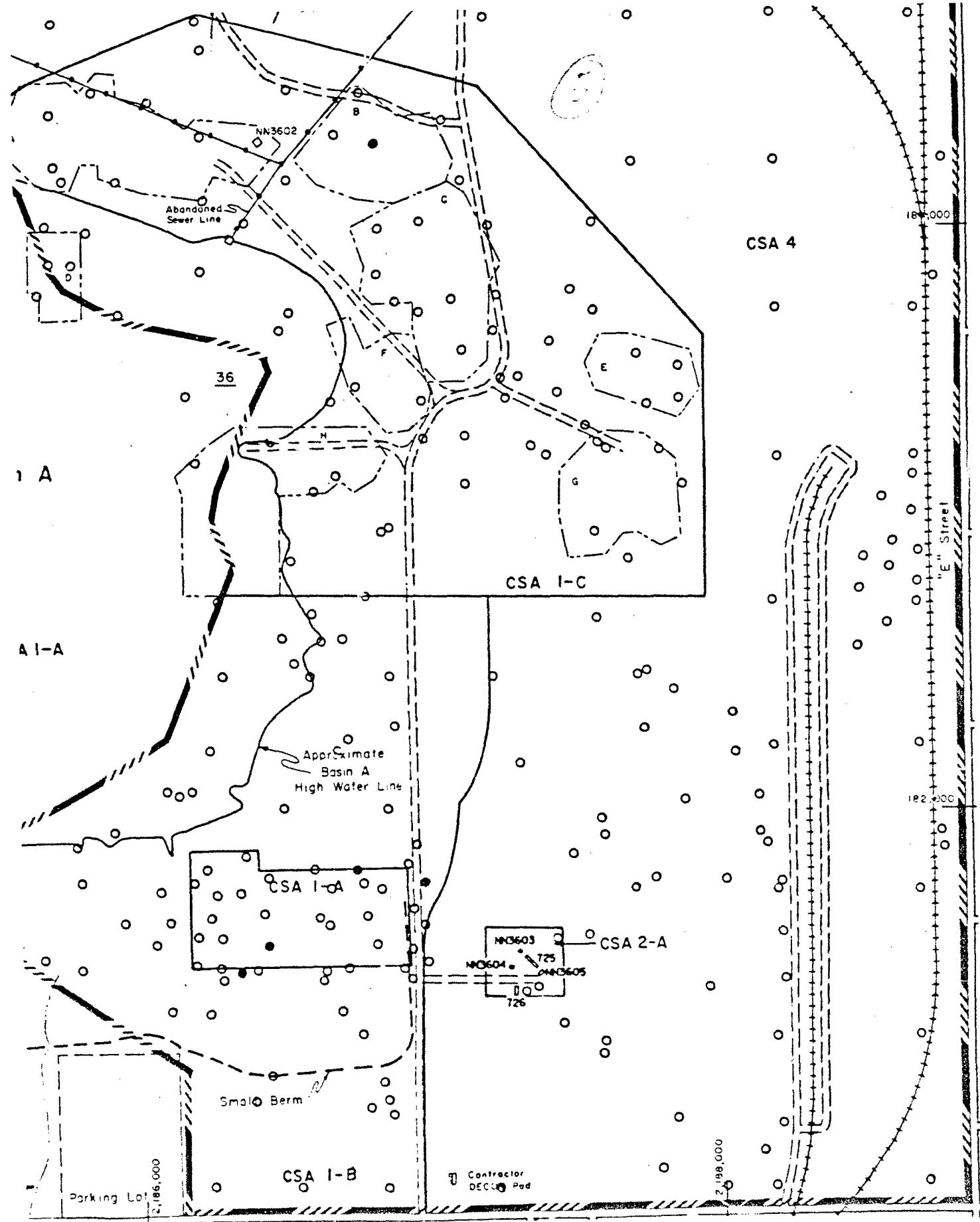
| <u>Legend</u>                 |                     |
|-------------------------------|---------------------|
| — Improved road               | — Unimproved road   |
| ~ Stream or ditch             | ○ Shore line        |
| 186,000 State plane grid      | 9 Section number    |
| ←→ Railroad tracks            | □ Structure         |
| — Central Study Area boundary | □ Former structure  |
| CSA 1-C Site boundary         | — Arsenal boundary  |
| — Geophysical anomaly         | ---- Sanitary sewer |
|                               | — Chemical sewer    |

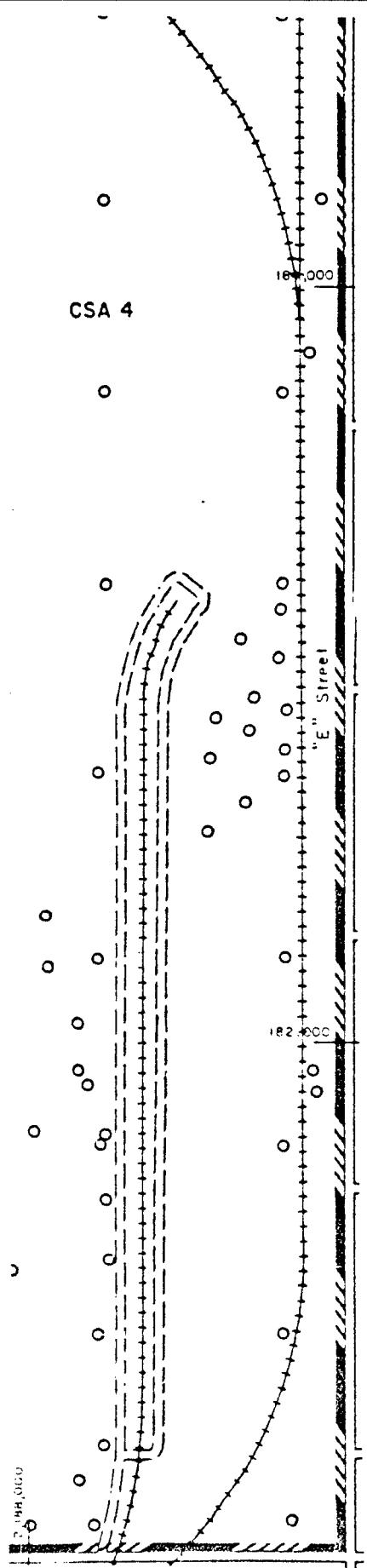
#### ANALYTE SAMPLE LOCATION AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0050 - LO
- ◎ 1.0 - 10
- 10 - 100
- >100

CSA 4







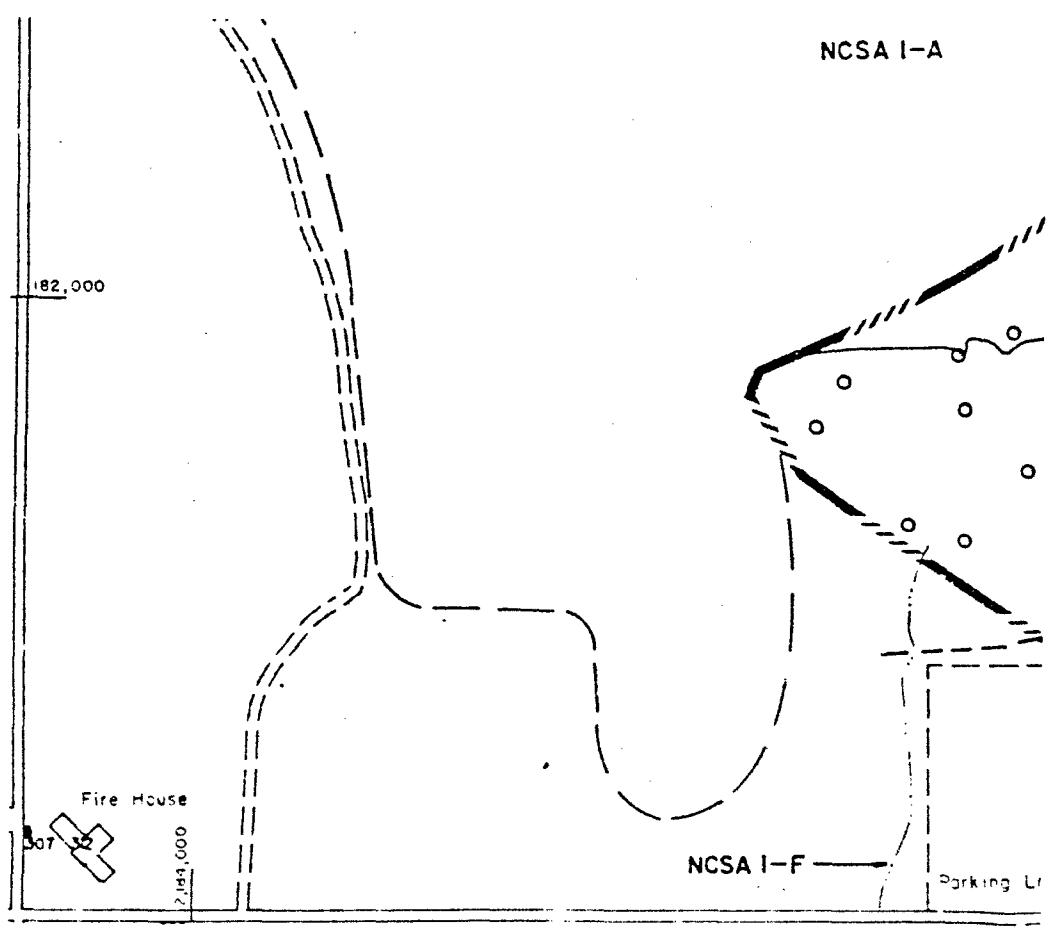
**ROCKY MOUNTAIN ARSENAL  
LOCATION**

|    |    |    |    |    |
|----|----|----|----|----|
|    | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 11 | 12 | 7  |

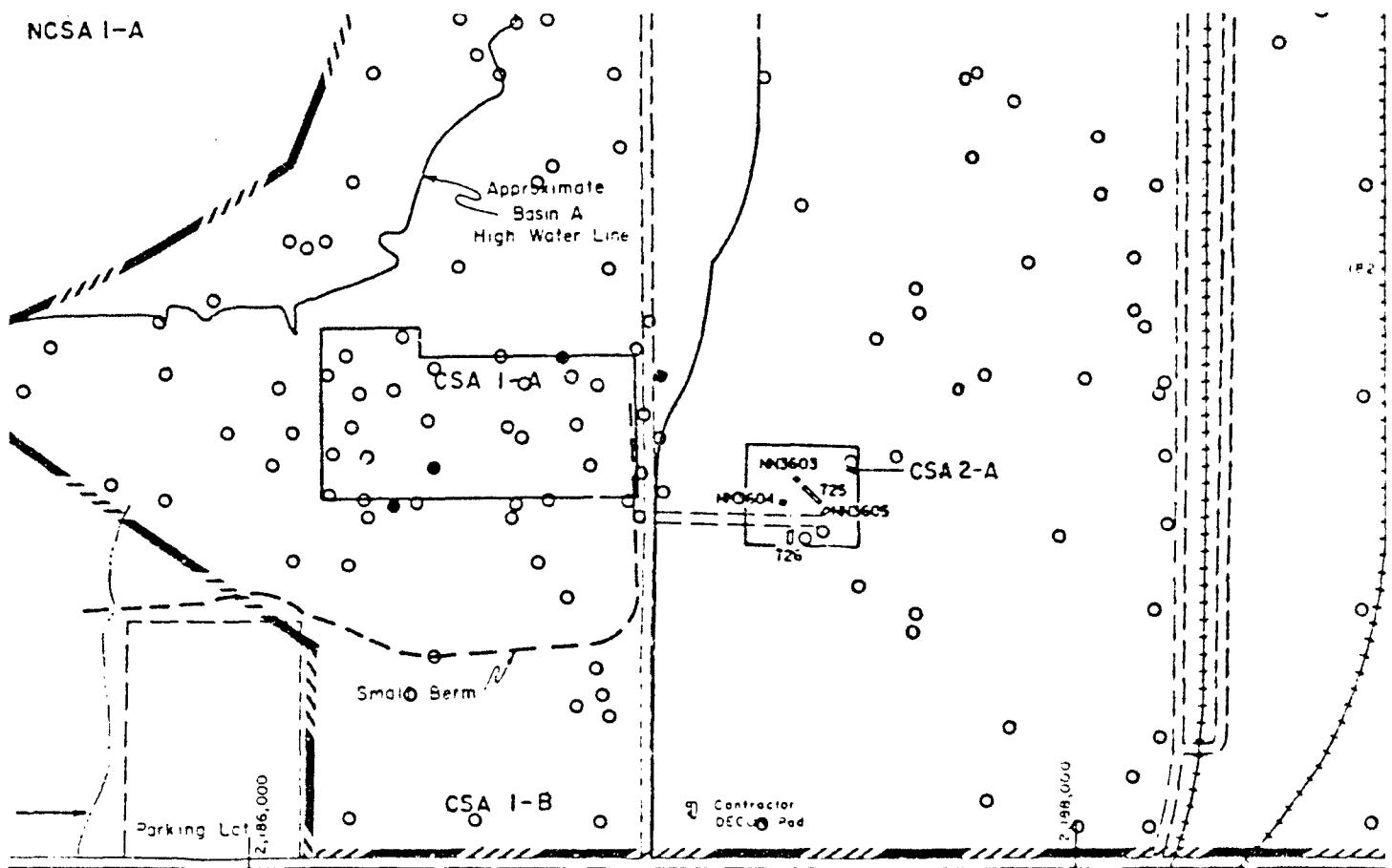
1" = 4 MILES

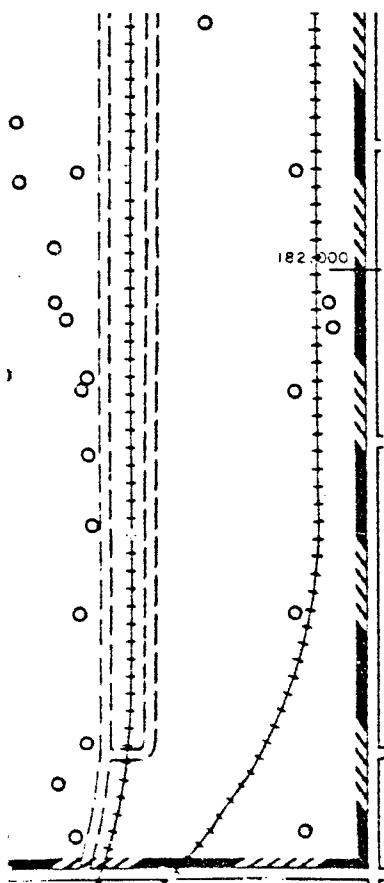


NCSA I-A



NCSA I-A

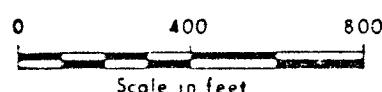
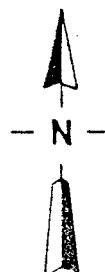




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |    |
|----|----|----|----|----|----|
|    | 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 | 29 |
| 33 | 34 | 35 | 31 | 32 |    |
| 4  | 3  | 2  | 1  | 6  | 5  |
| 9  |    | 11 | 12 | 7  | 8  |

1" = 4 MILES



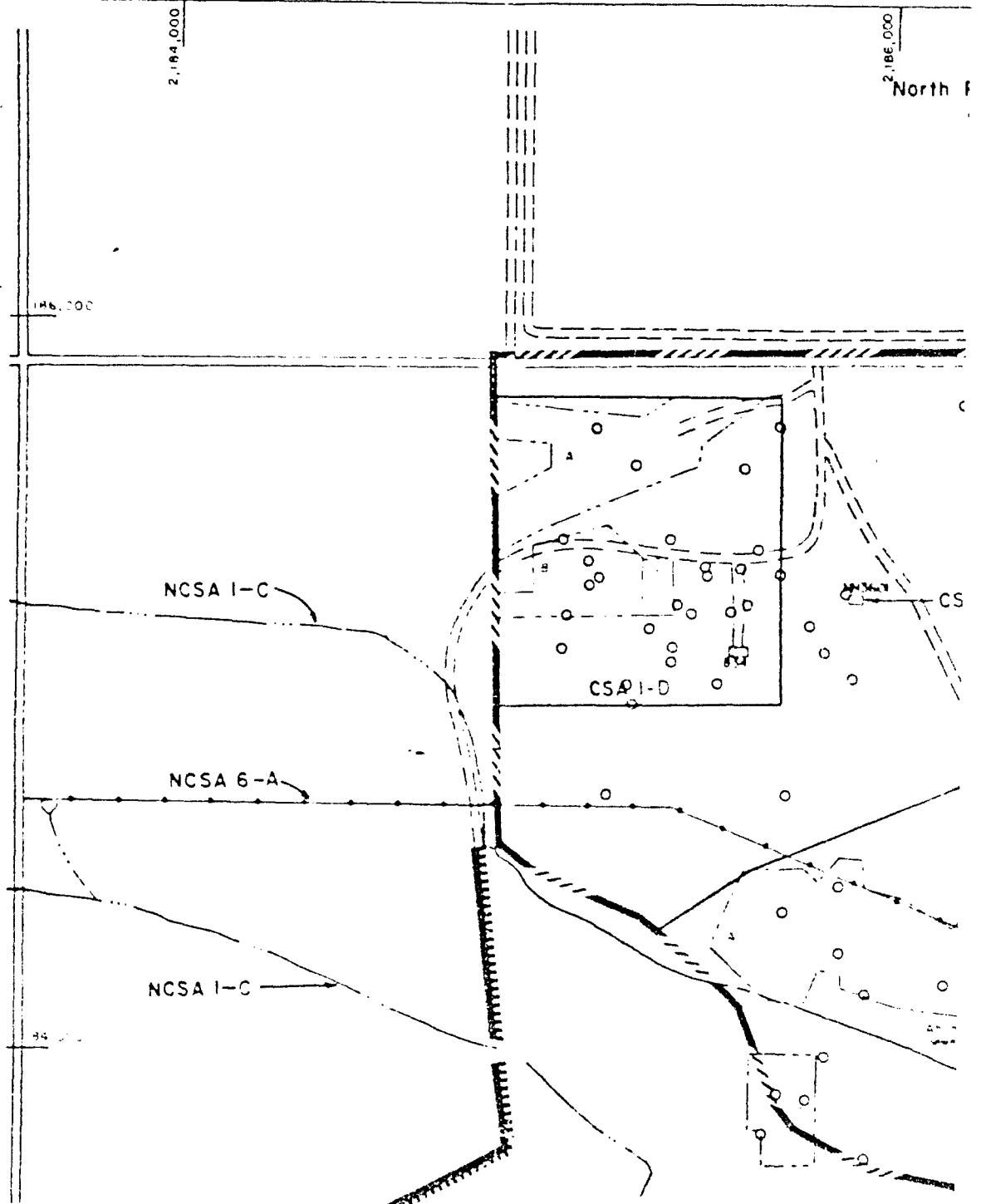
Prepared for:

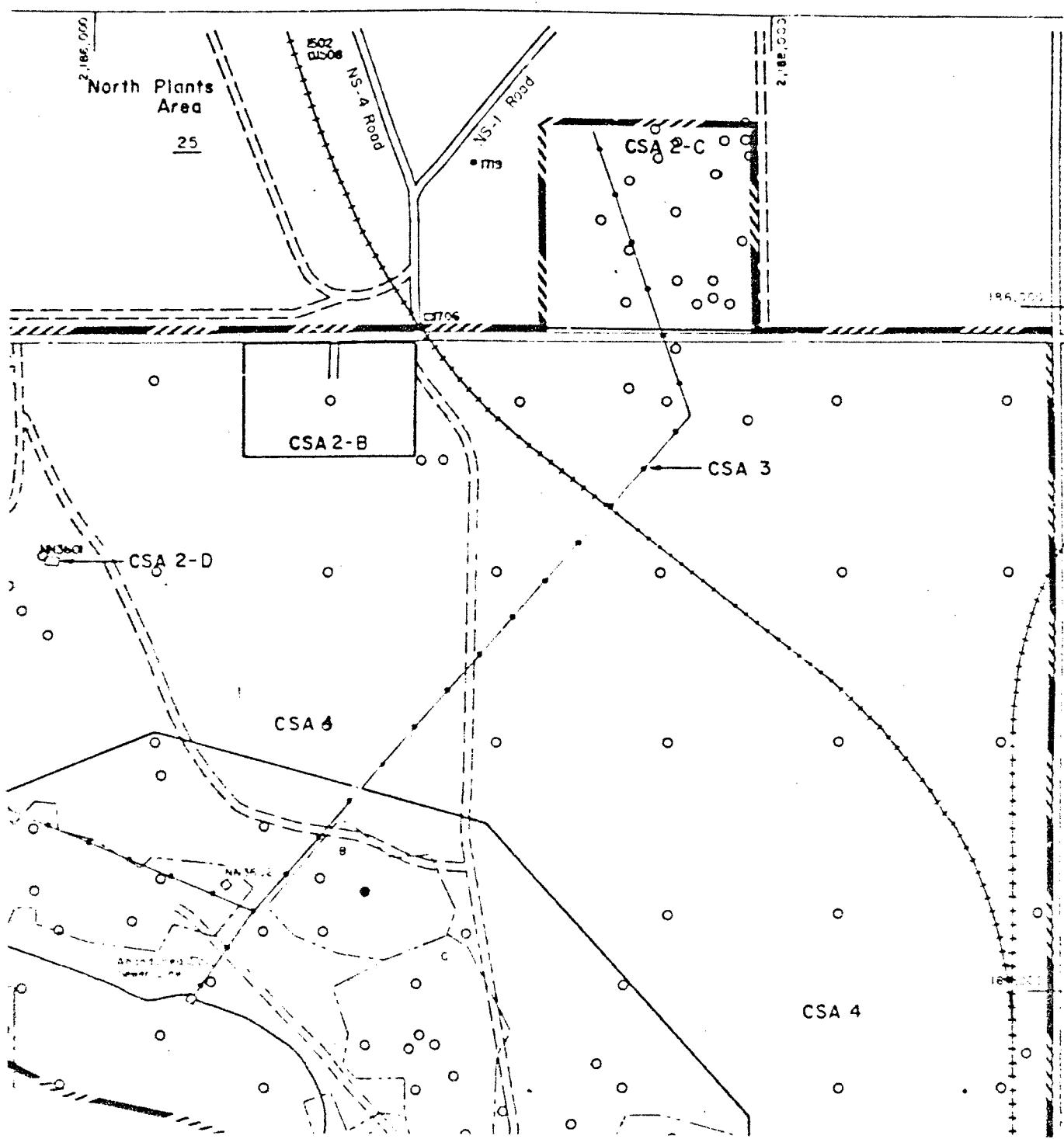
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

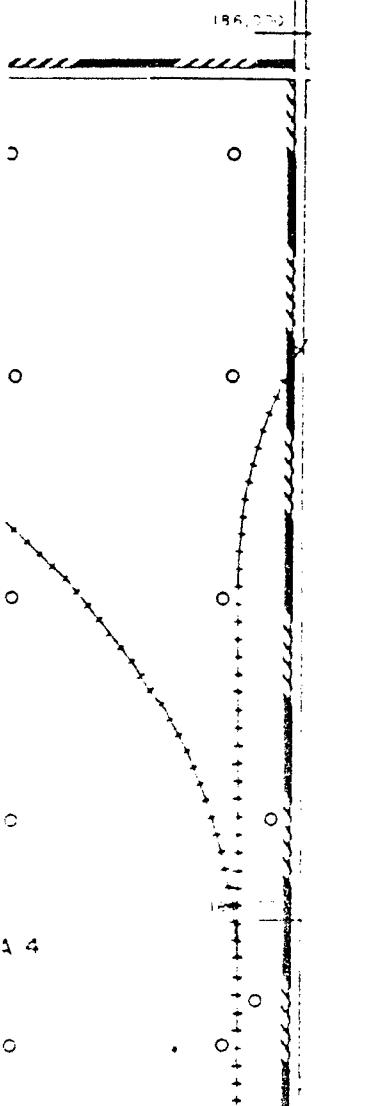
PLATE CSA 2.1-30

Dibromochloropropane  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





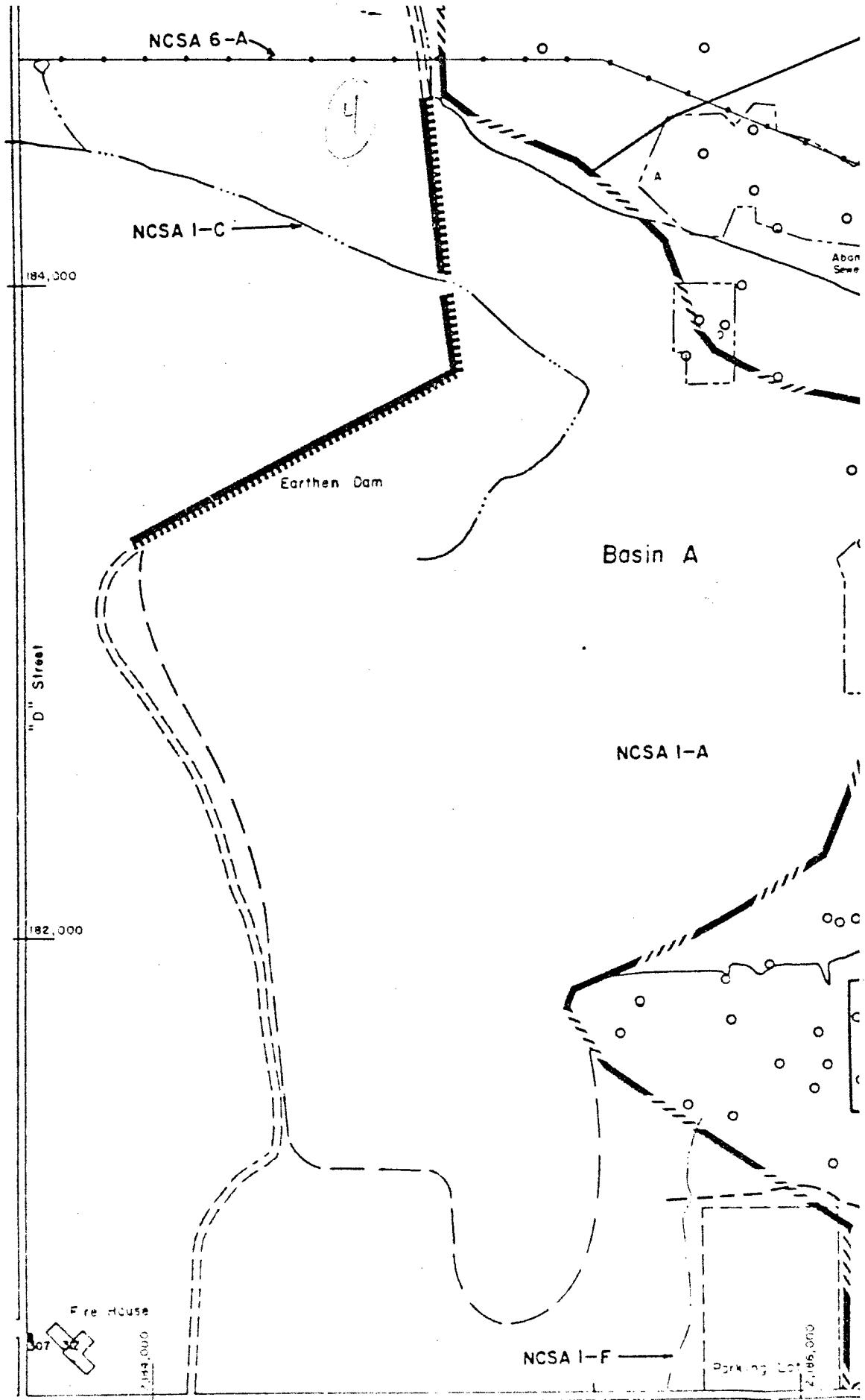


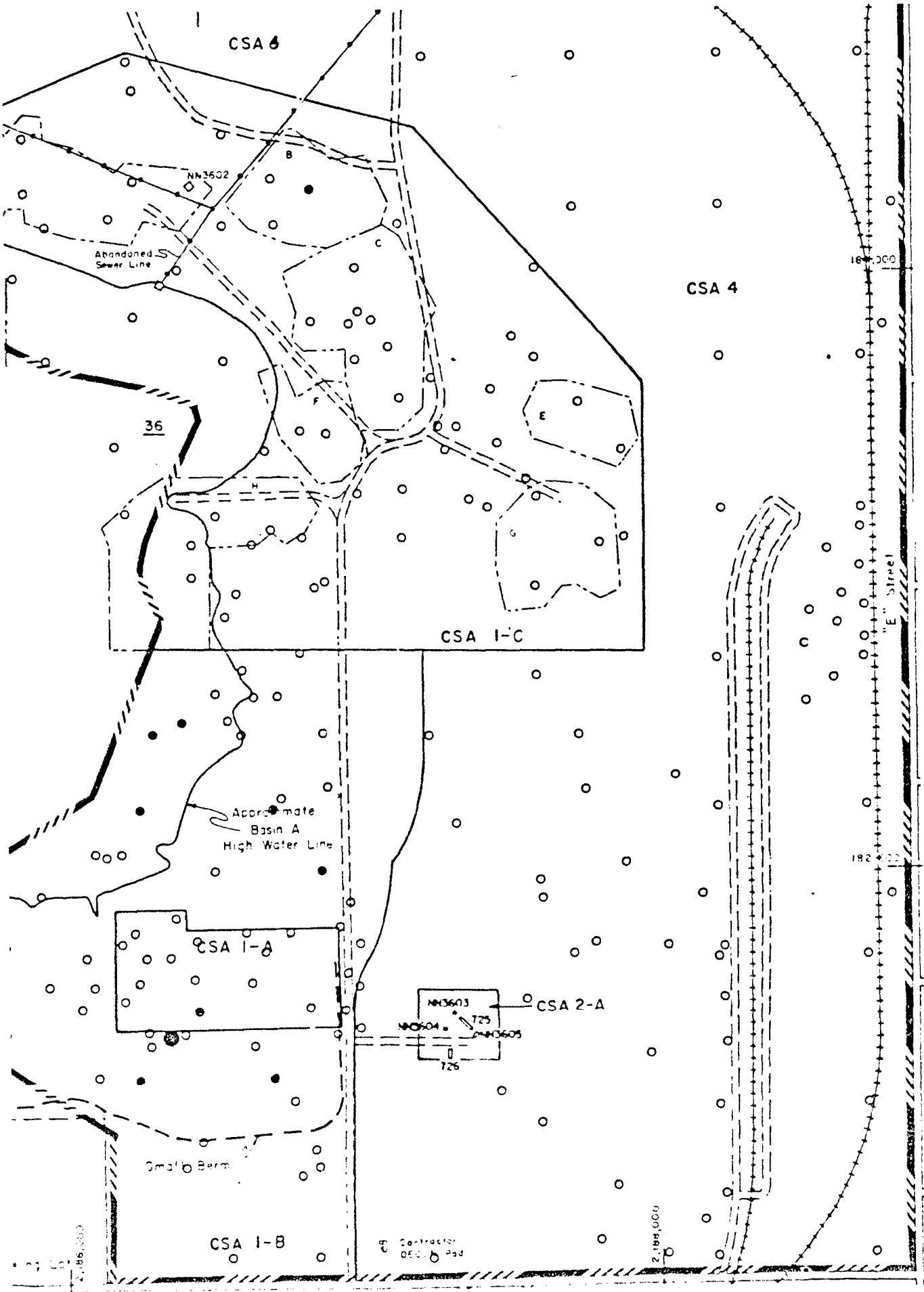
### **Legend**

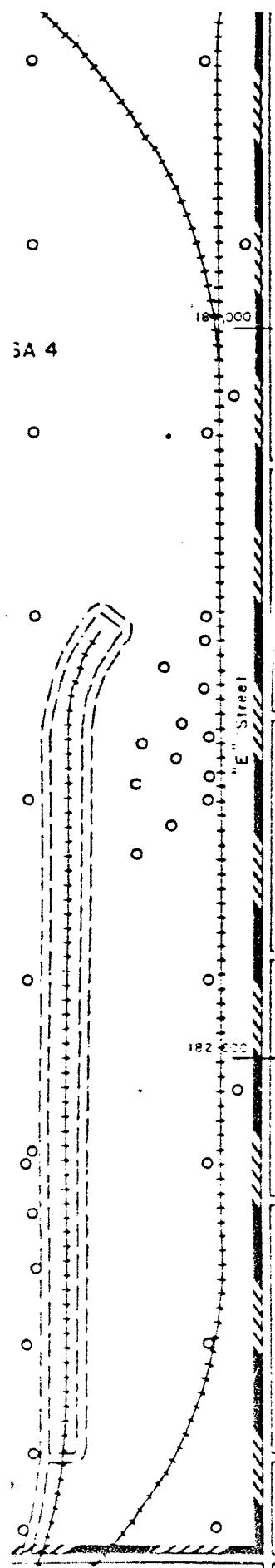
— Improved road      - Unimproved road  
 ~ Stream or ditch      O Shore line  
186,000 State plane grid      9 Section number  
 → Railroad tracks      [ ] Structure  
 - - - Central Study Area boundary      [ ] Former structure  
 CSA I-C Site boundary      - - - Arsenal boundary  
 - - - Geophysical anomaly      - - - Sanitary sewer  
 - - - 8 Chemical sewer

**ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)**

- Below Certified Reporting Limit (BCRL)
  - 0.0050 - 1.0
  - 1.0 - 10
  - 10 - 100
  - >100







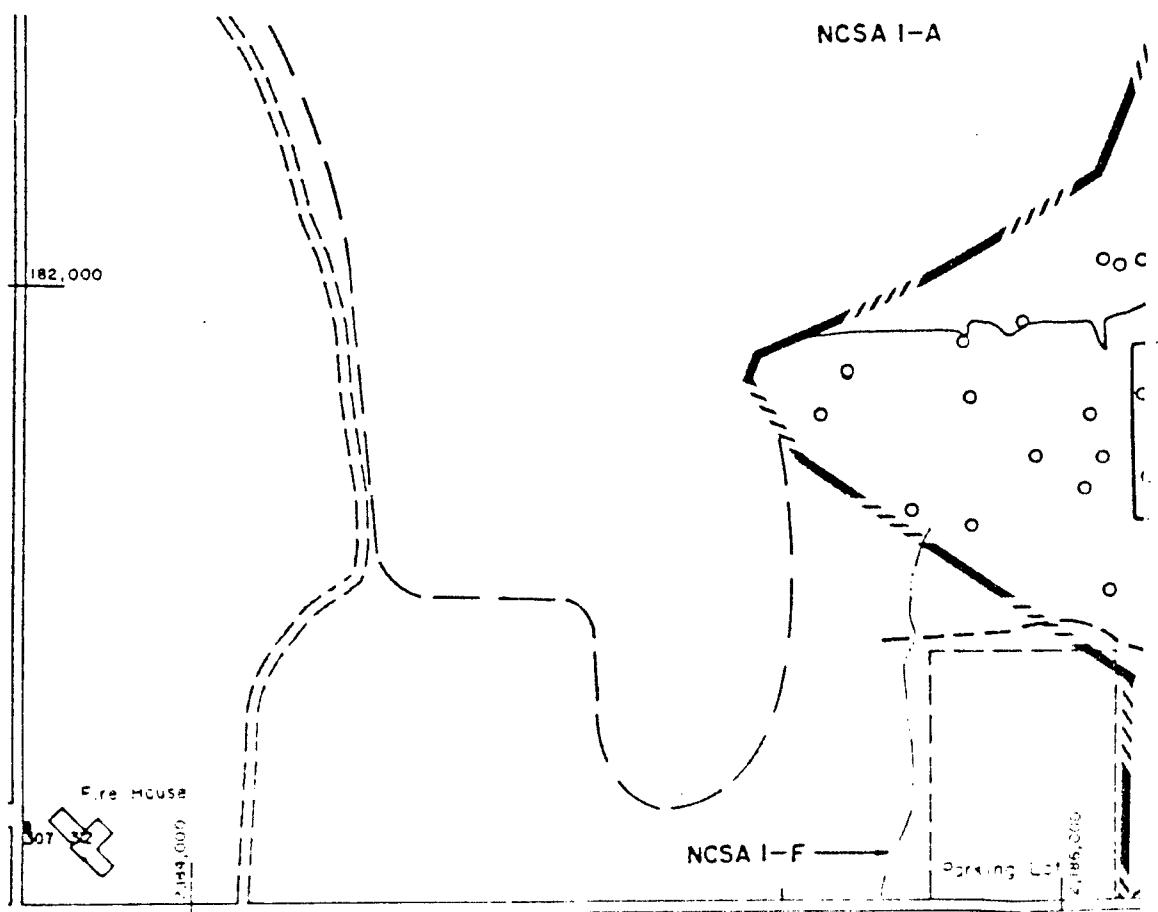
ROCKY MOUNTAIN ARSENAL  
LOCATION

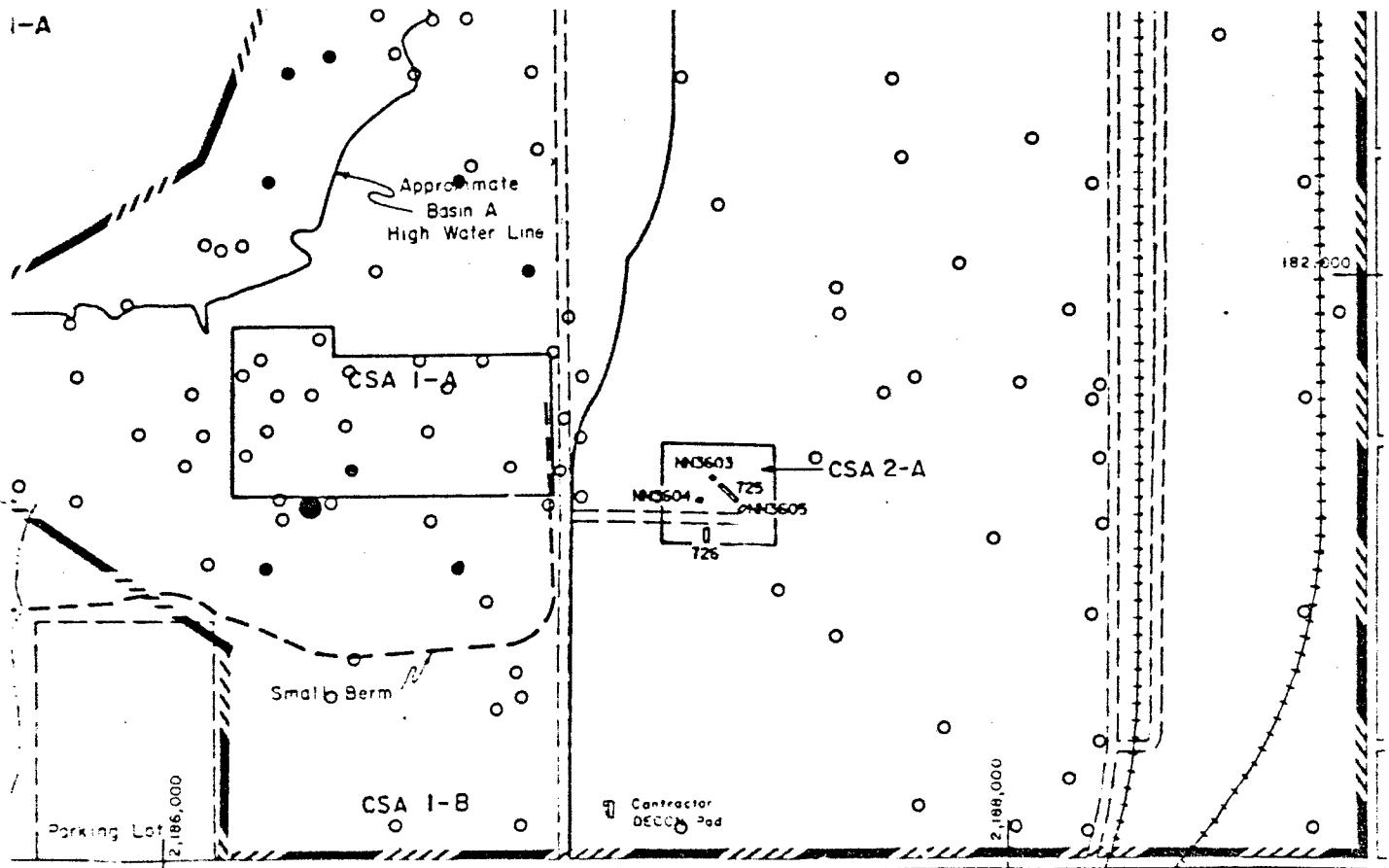
|    |    |    |    |       |
|----|----|----|----|-------|
| 22 | 23 | 24 | 9  | 20    |
| 28 | 27 | 25 | 25 | 30 29 |
| 33 | 34 | 35 | 31 | 32    |
| 4  | 3  | 2  | 1  | 6 5   |
| 9  |    | 1  | 2  | 7 8   |

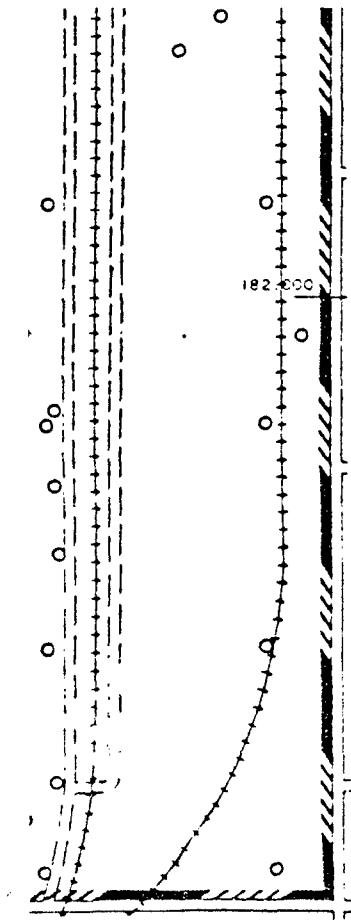
1" = 4 MILES



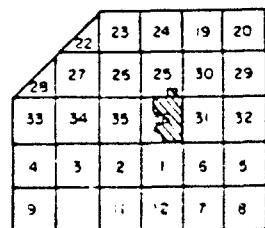
NCSA I-A



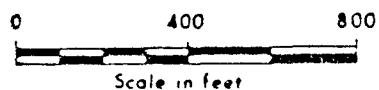
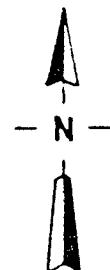




ROCKY MOUNTAIN ARSENAL  
LOCATION



1" = 4 MILES



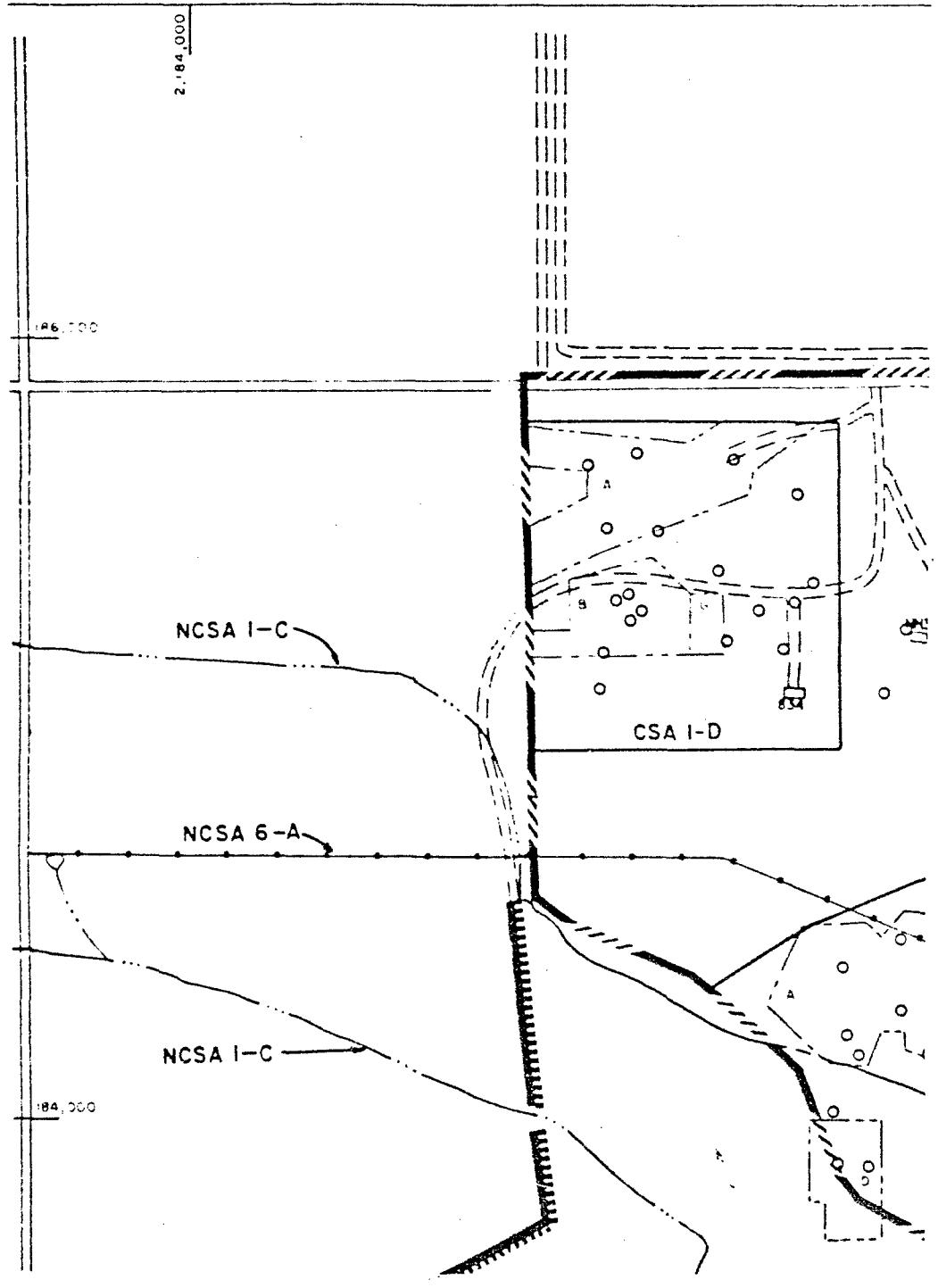
Prepared for:

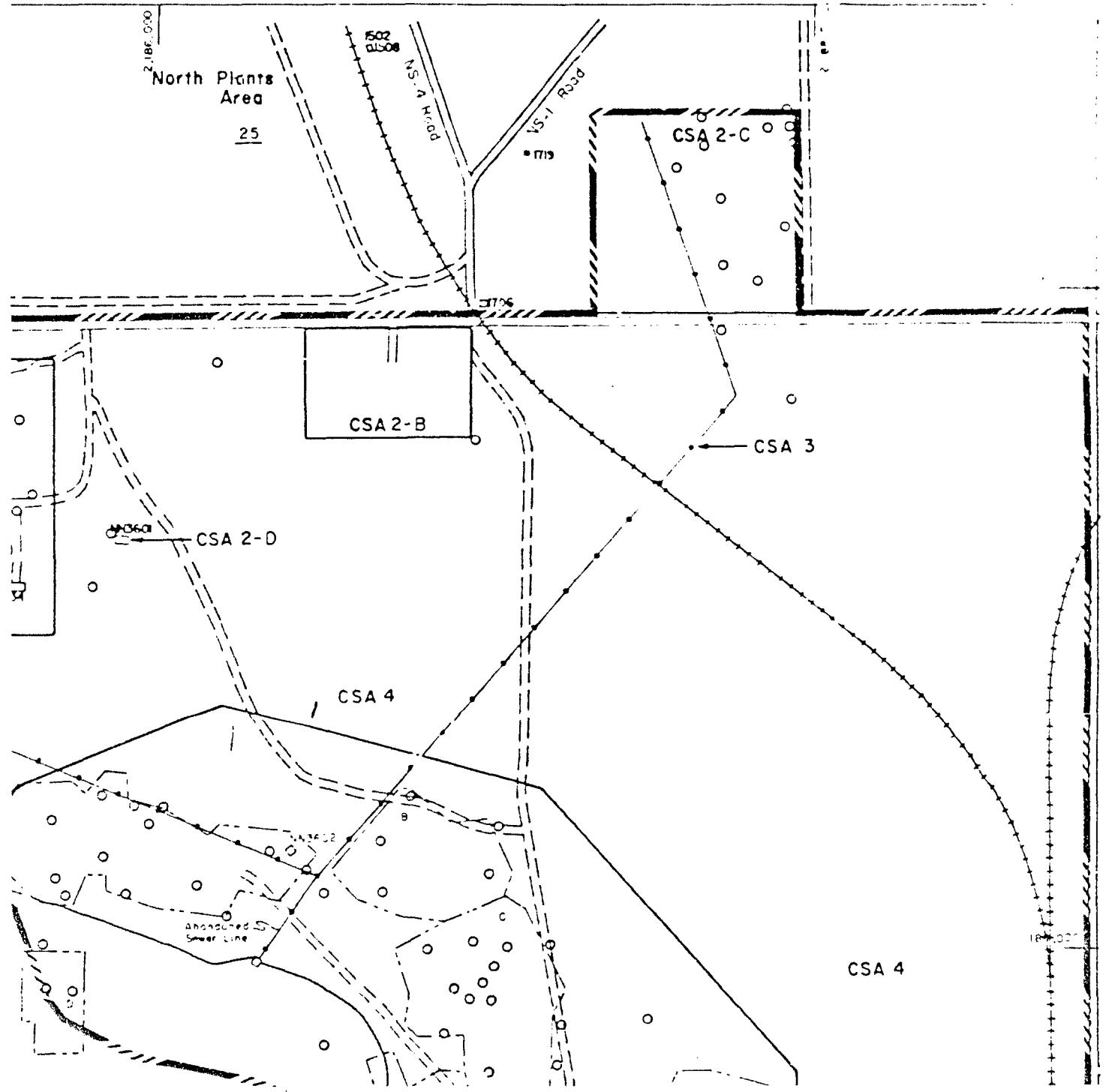
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-31

Dibromochloropropane  
in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





Legend

|                |                             |              |                      |
|----------------|-----------------------------|--------------|----------------------|
| <u>====</u>    | Improved road               | <u>====</u>  | Unimproved road      |
| <u>~~~~~</u>   | Stream or ditch             | <u>○</u>     | Shore line           |
| <u>9</u>       | Section number              |              |                      |
| <u>186,220</u> | State plane grid            | <u>□</u>     | Structure            |
| <u>→→</u>      | Railroad tracks             | <u>□</u>     | Former structure     |
| <u>— — —</u>   | Central Study Area boundary | <u>— — —</u> | Arsenal boundary     |
| <u>CSA 1-C</u> | Site boundary               |              | — — — Sanitary sewer |
| <u>— — —</u>   | Geophysical anomaly         | <u>— — —</u> | Chemical sewer       |

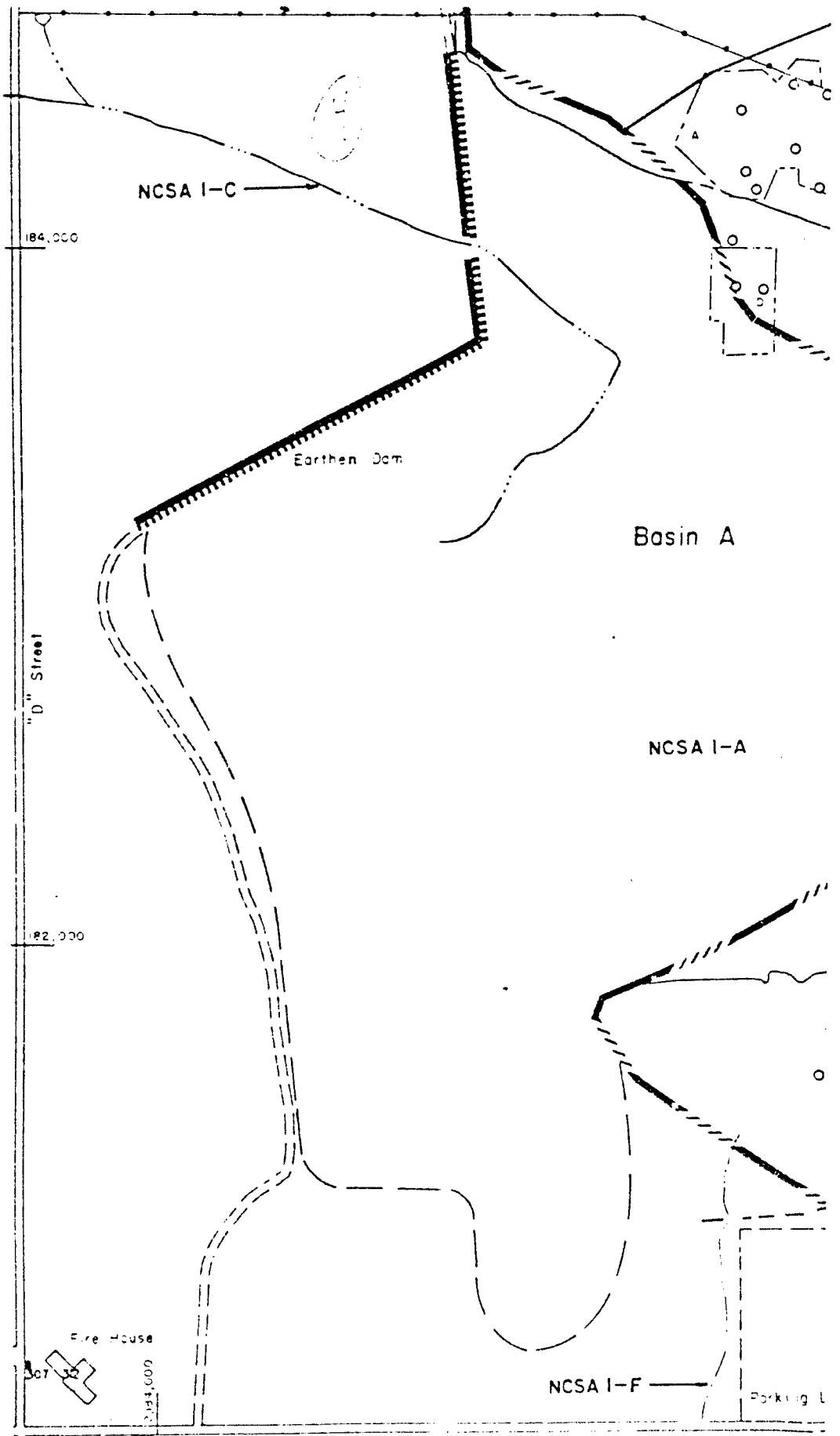
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

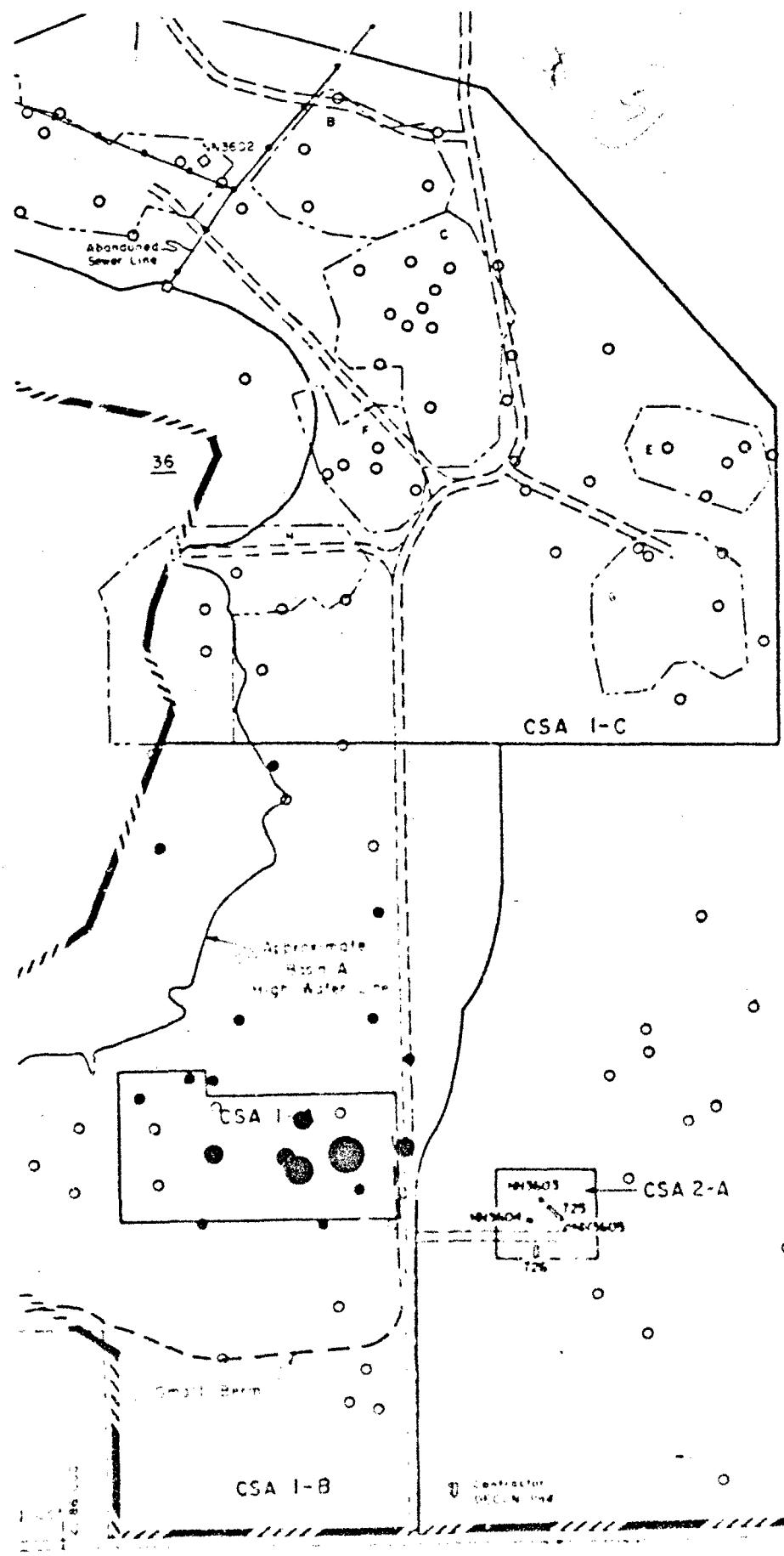
- Below Certified Reporting Limit (BCRL)
- 0.0050 - 1.0
- 1.0 - 10
- 10 - 100
- >100

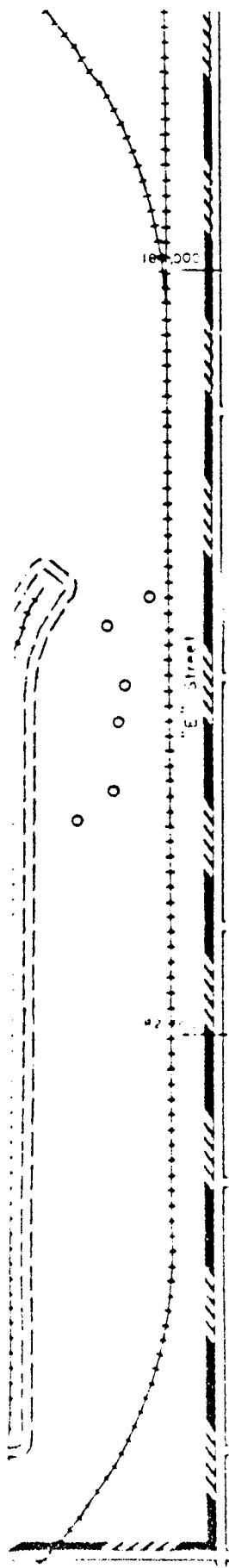
3

CSA 4

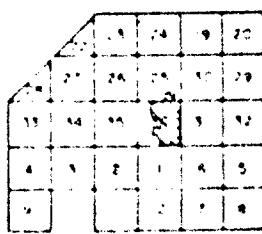
100000







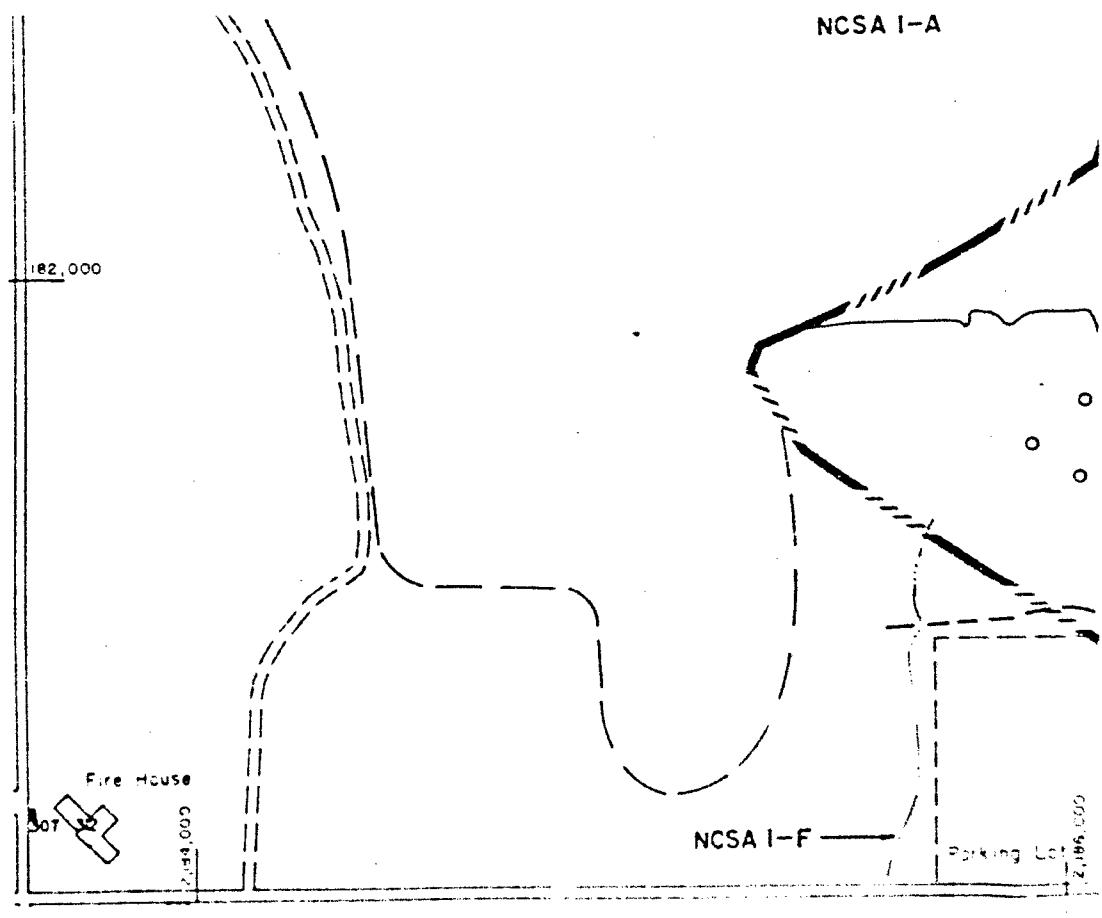
ROCKY MOUNTAIN ARSENAL  
LOCATION

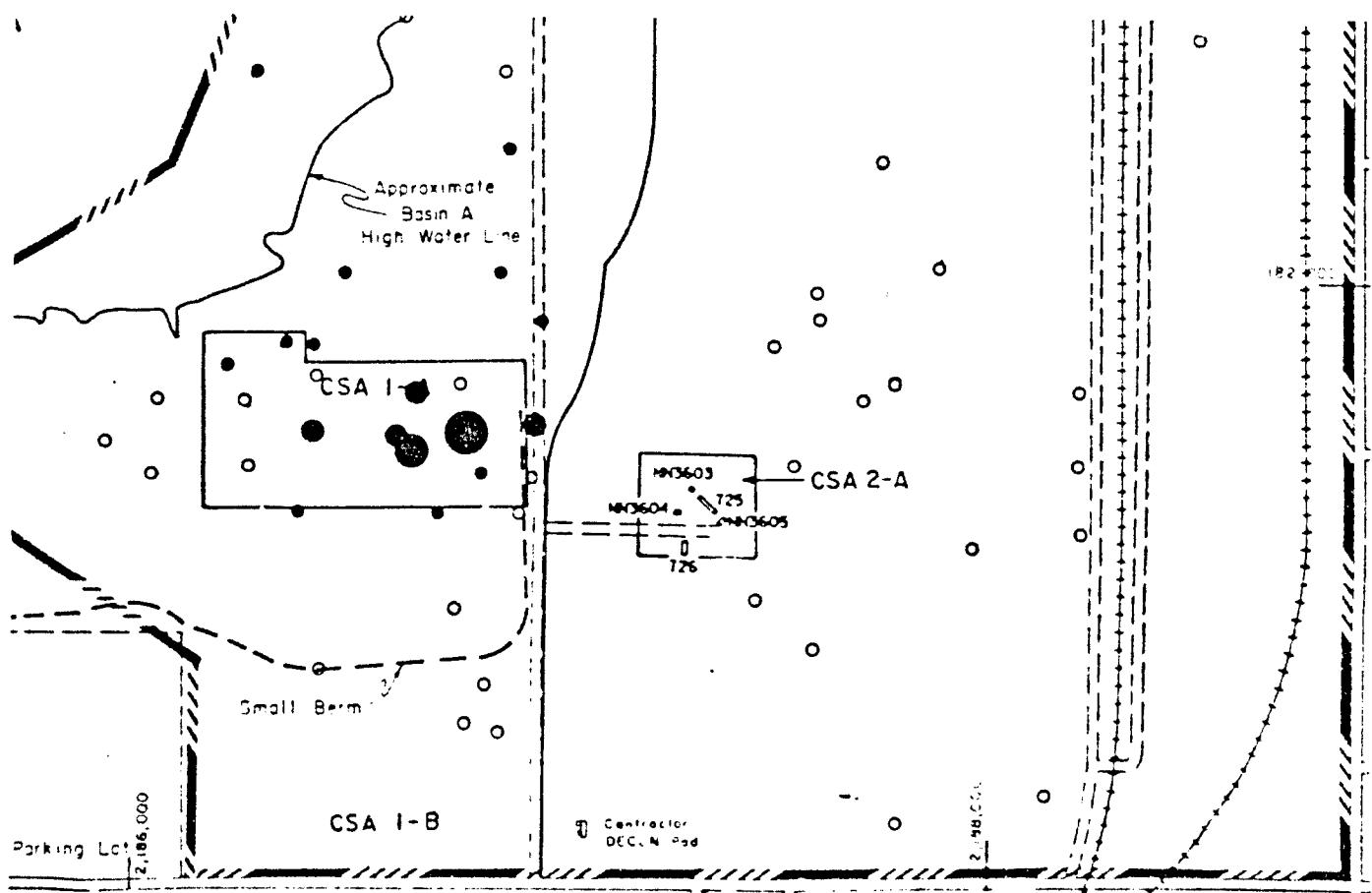


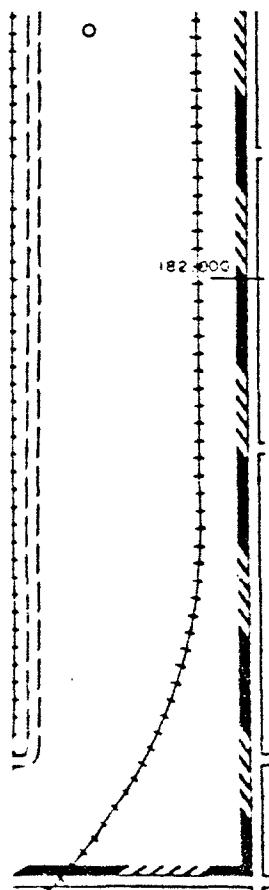
1" = 4 MILES



NCSA I-A



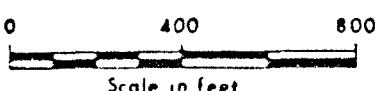
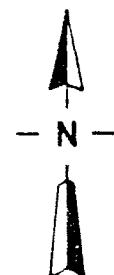




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-32

Dibromochloropropane  
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated

North Plant  
Area

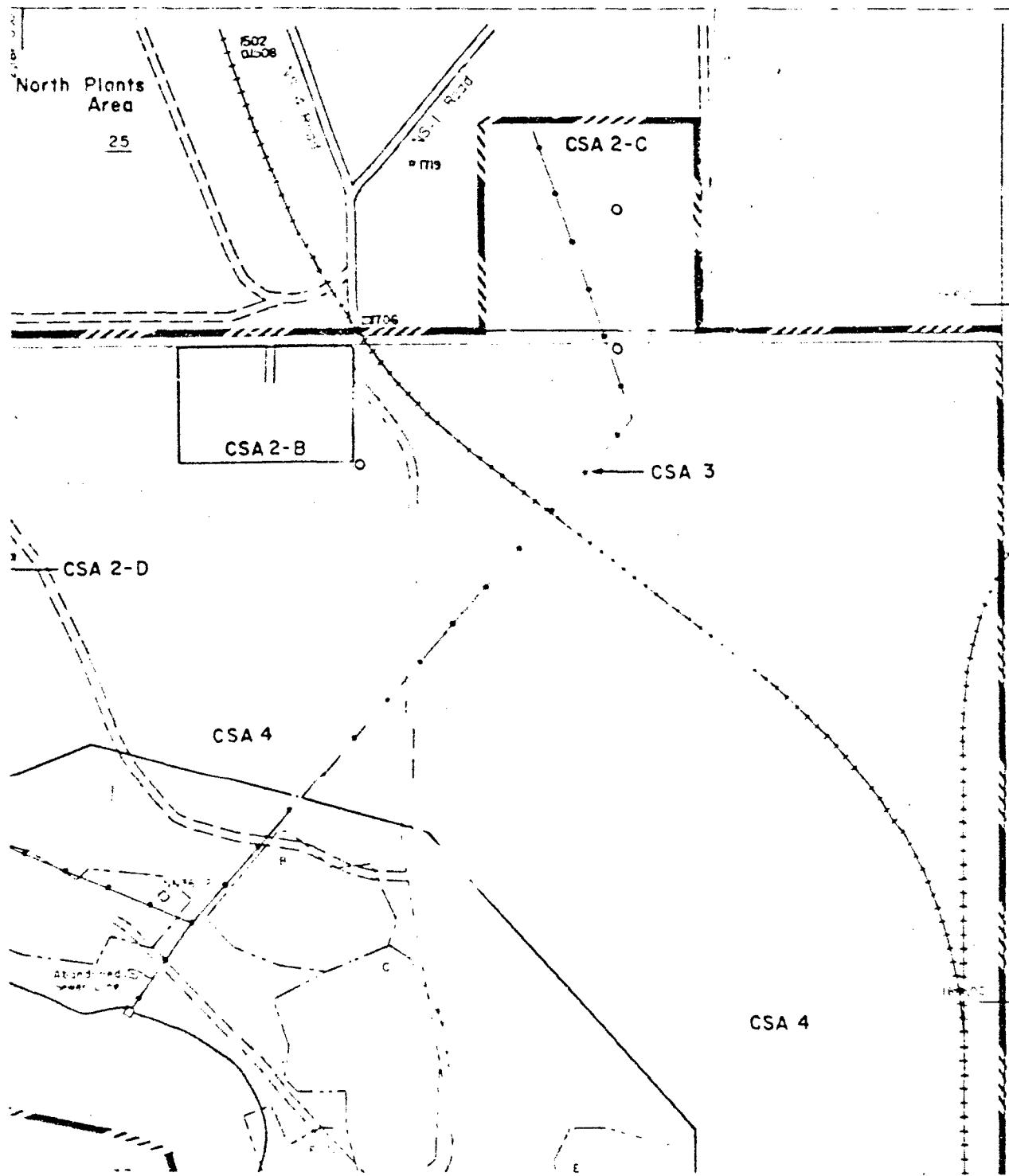
NCSA I-C

NCSA 6-A

NCSA I-C

CSA I-D

CSA 2-

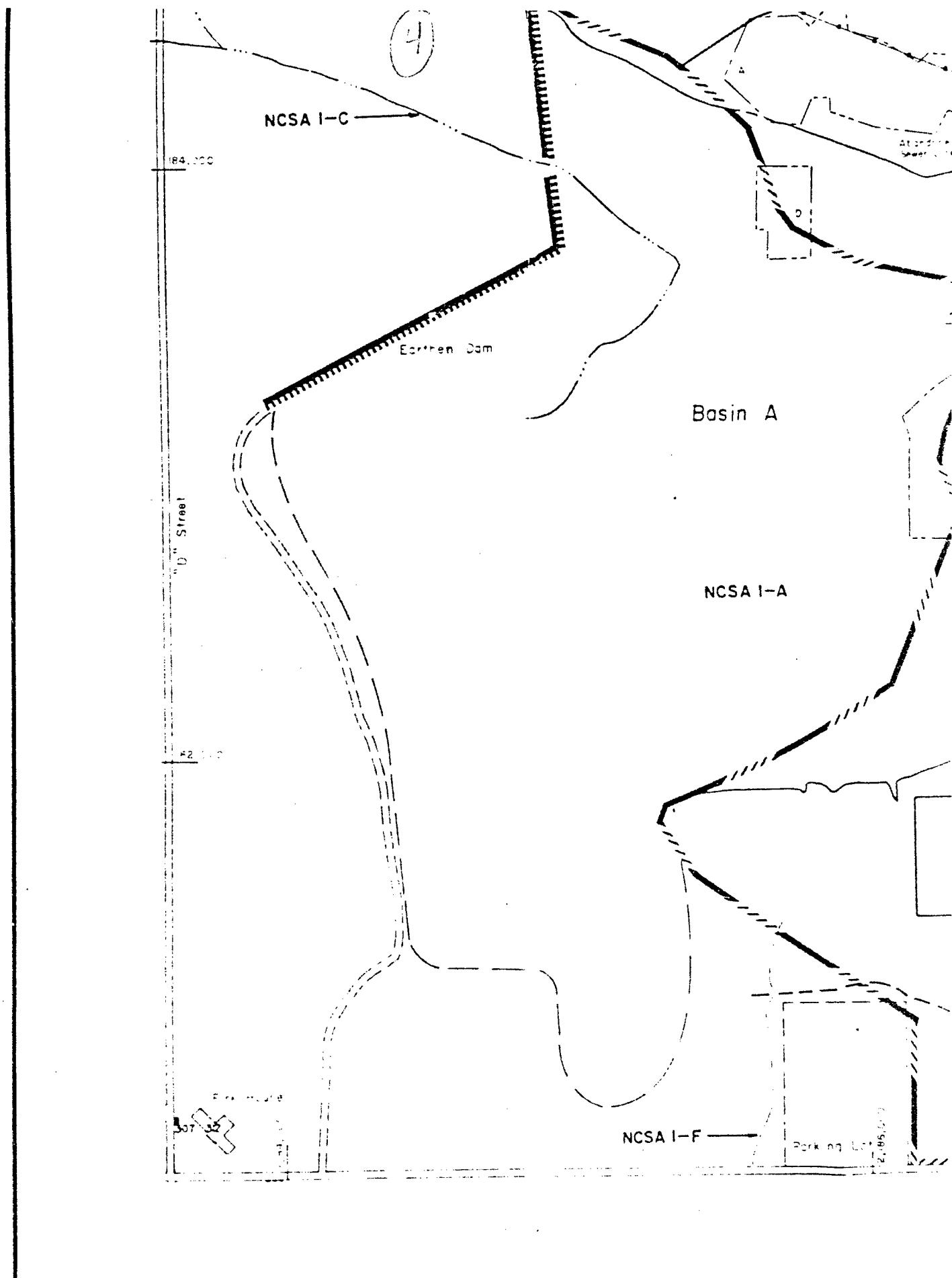


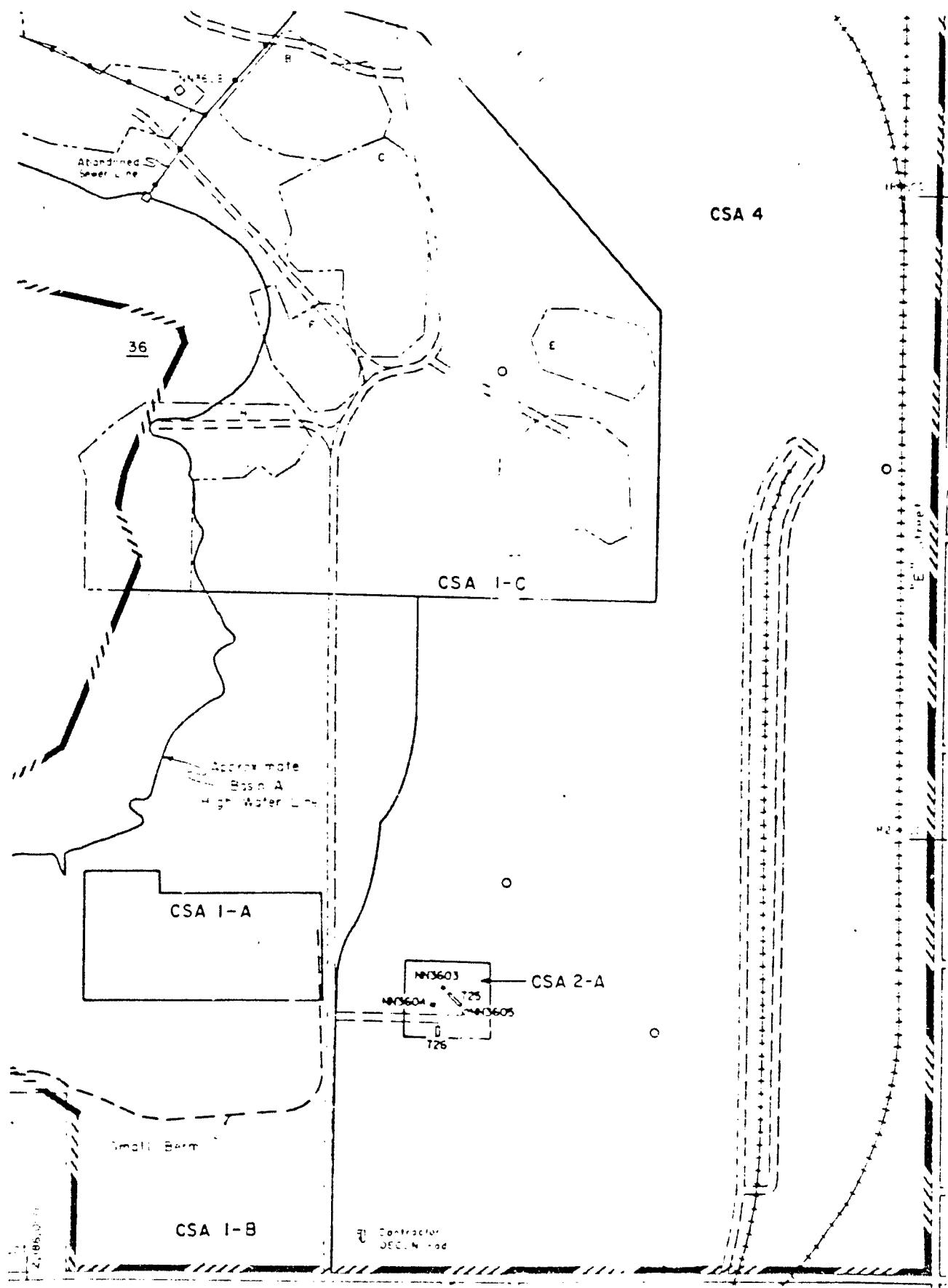
Legend

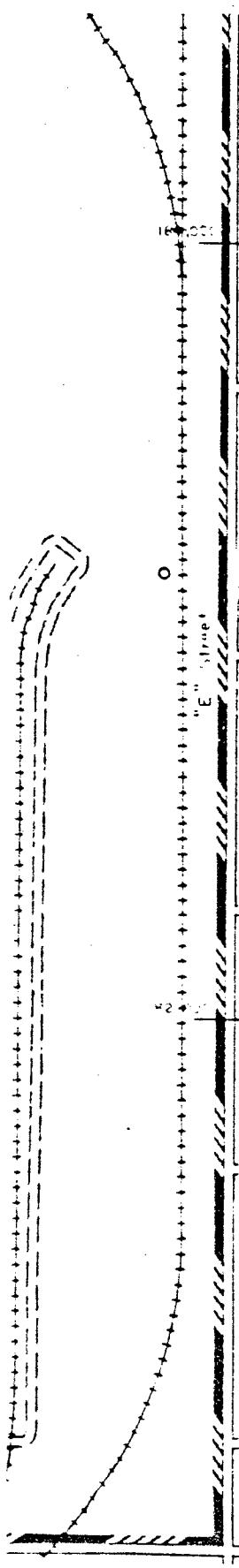
- |                                               |                                    |
|-----------------------------------------------|------------------------------------|
| <u>—</u> <u>—</u> Improved road               | <u>—</u> <u>—</u> Unimproved road  |
| <u>~</u> <u>~</u> Stream or ditch             | <u>○</u> Shore line                |
|                                               | <u>9</u> Section number            |
| <u>186.000</u> State plane grid               | <u>□</u> Structure                 |
| <u>←→</u> Railroad tracks                     | <u>[ ]</u> Former structure        |
| <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary |
| <u>CSA 1-C</u> Site boundary                  | <u>----</u> Sanitary sewer         |
| <u>---</u> <u>B</u> Geophysical anomaly       | <u>—●—</u> Chemical sewer          |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0050 - 1.0
- 1.0 - 10
- 10 - 100
- >100



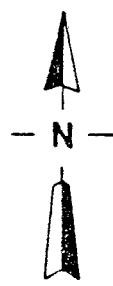


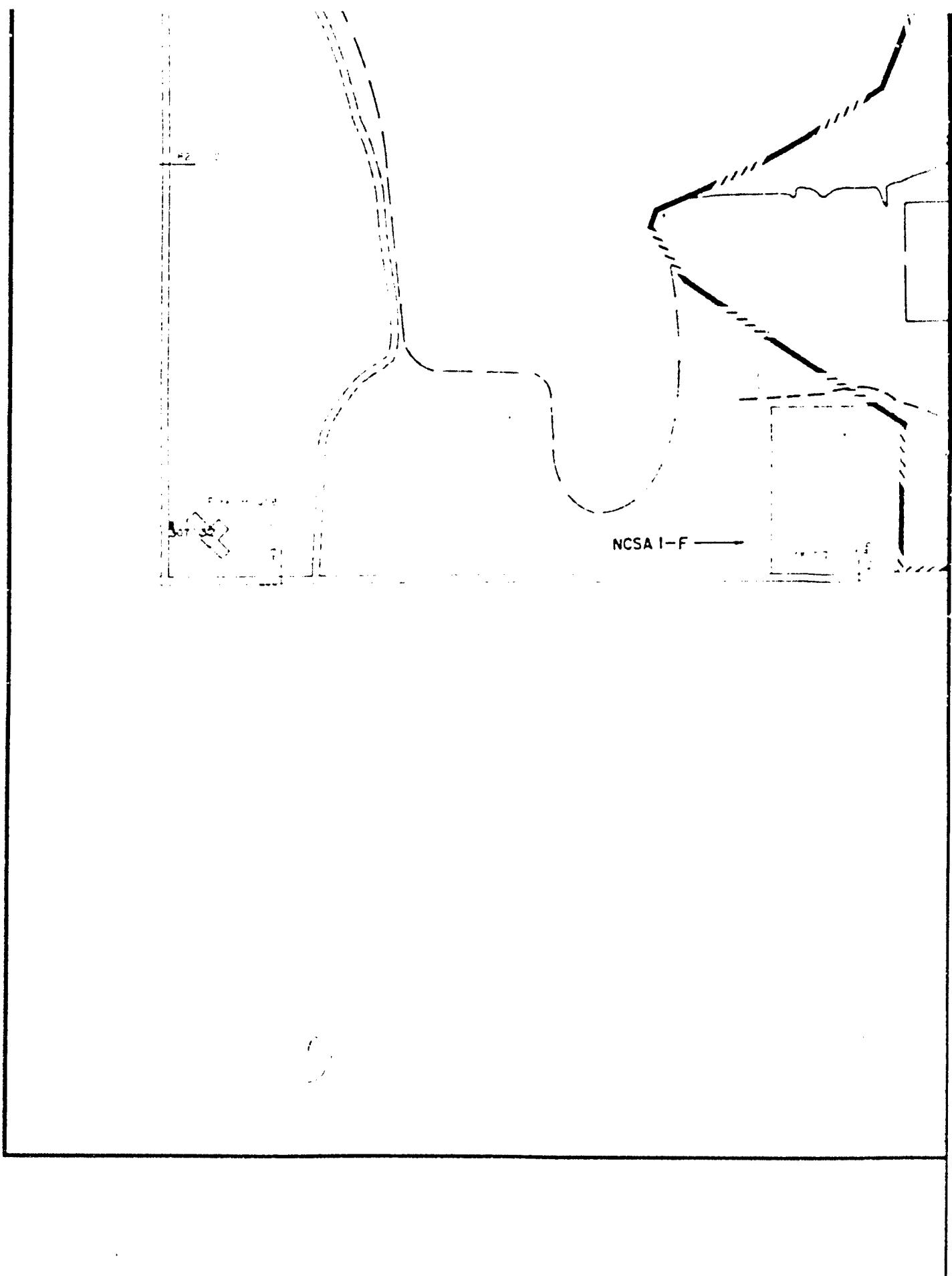


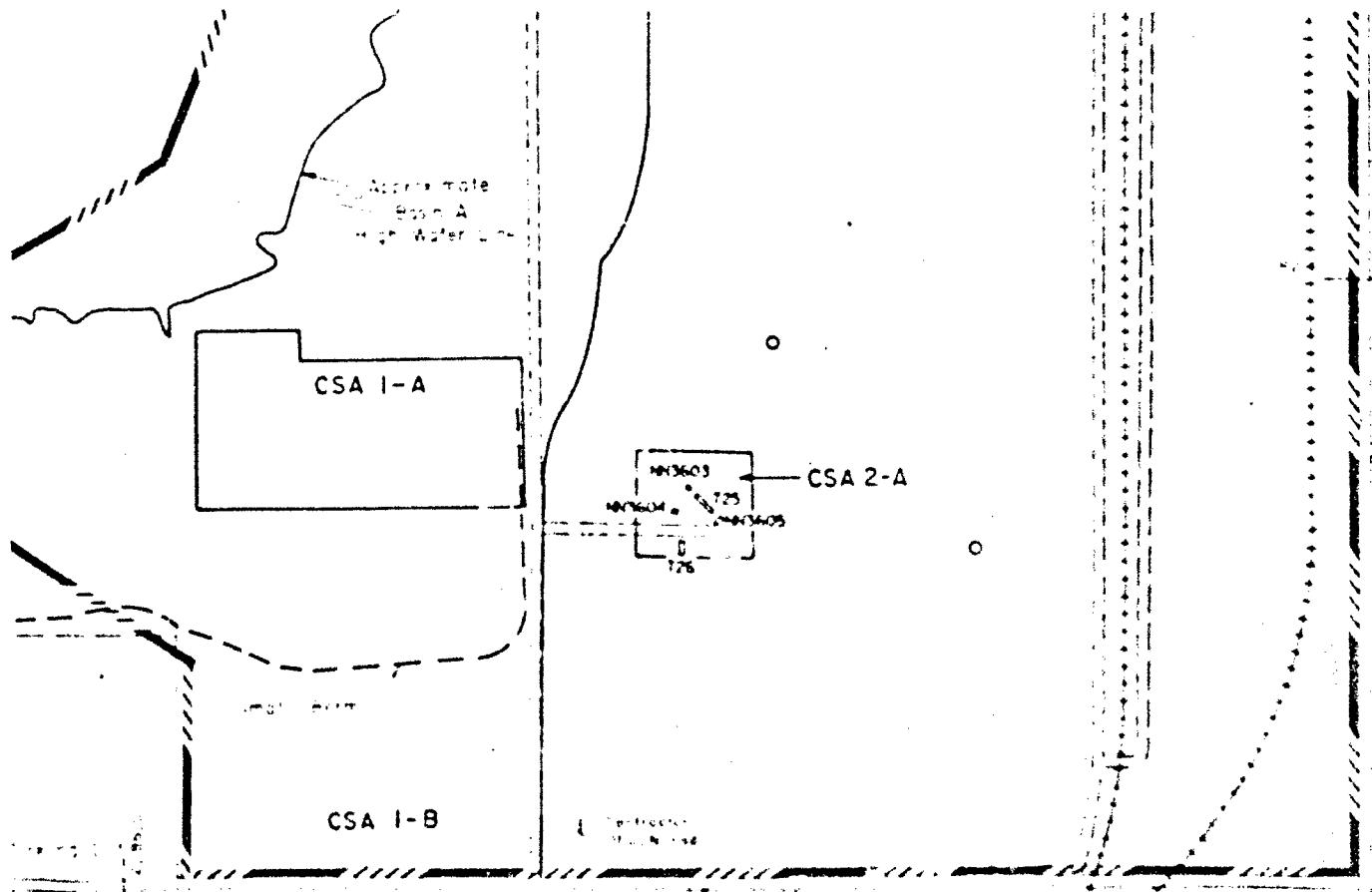
ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 25 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 11 | 7  | 8  |

1" = 4 MILES



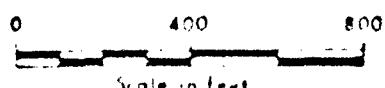




ROCKY MOUNTAIN ARSENAL  
LOCATION



1" = 4 MILES



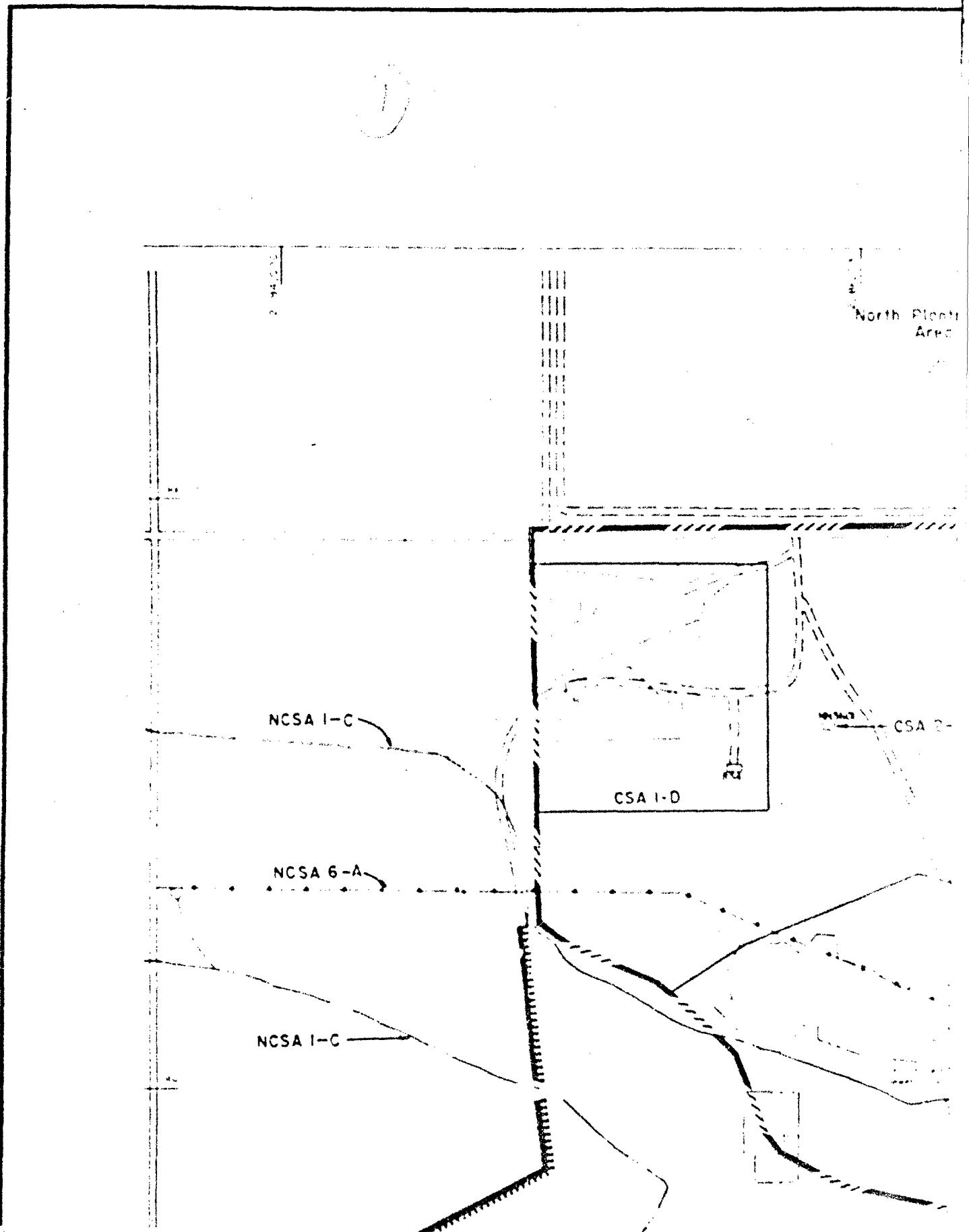
Prepared for:

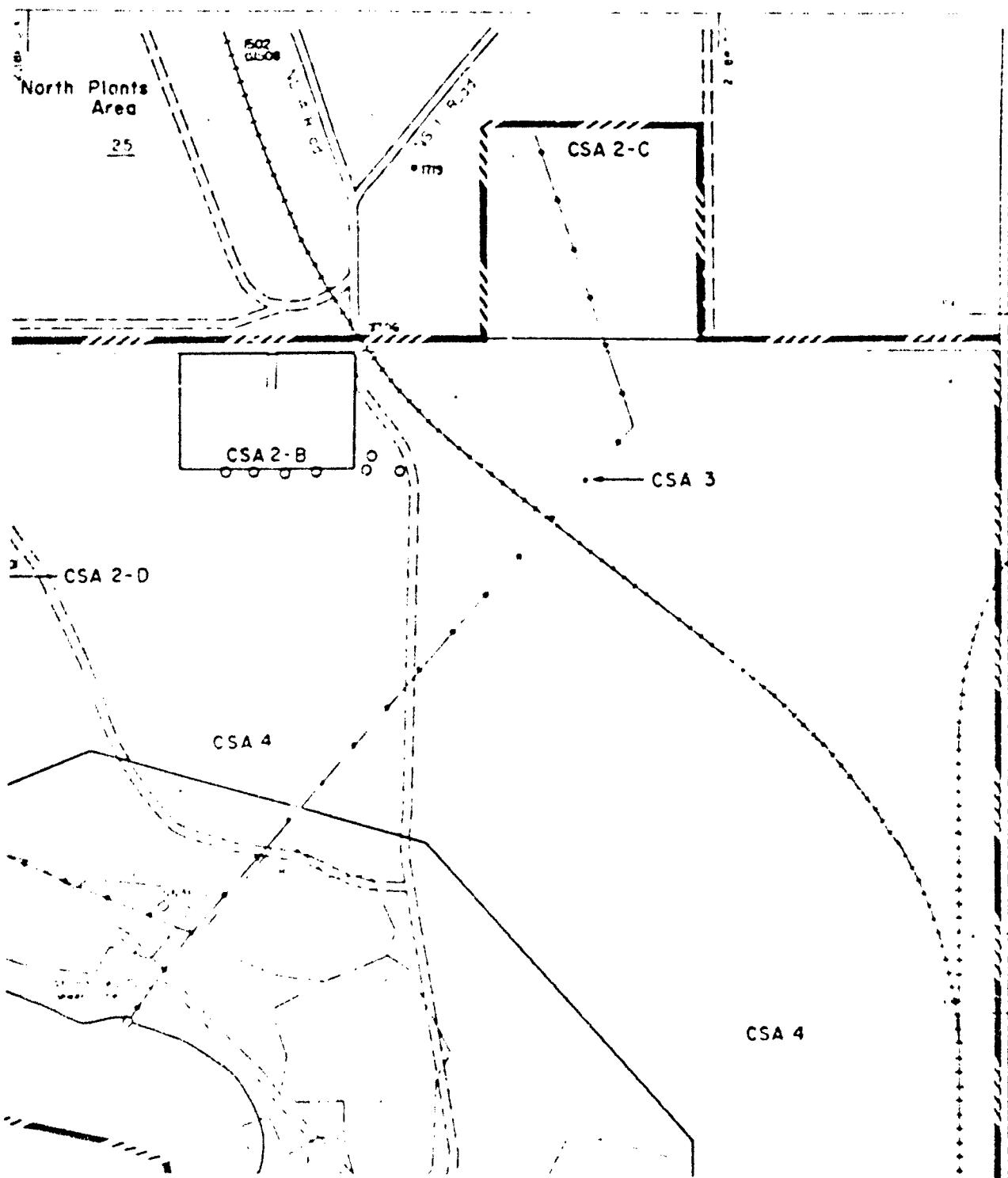
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 21-33

Dibromochloropropane  
in Soils in the > 20 ft Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



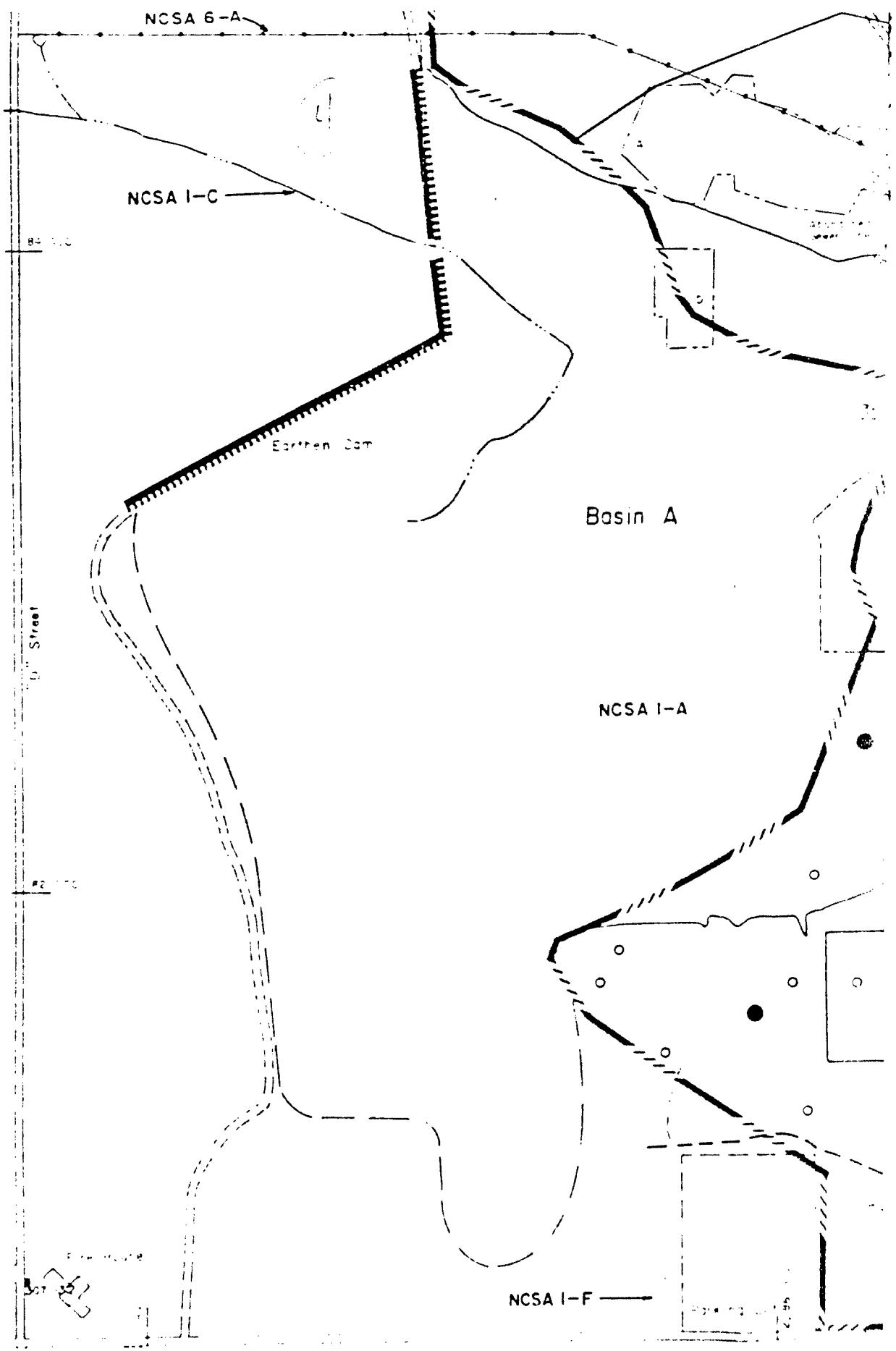


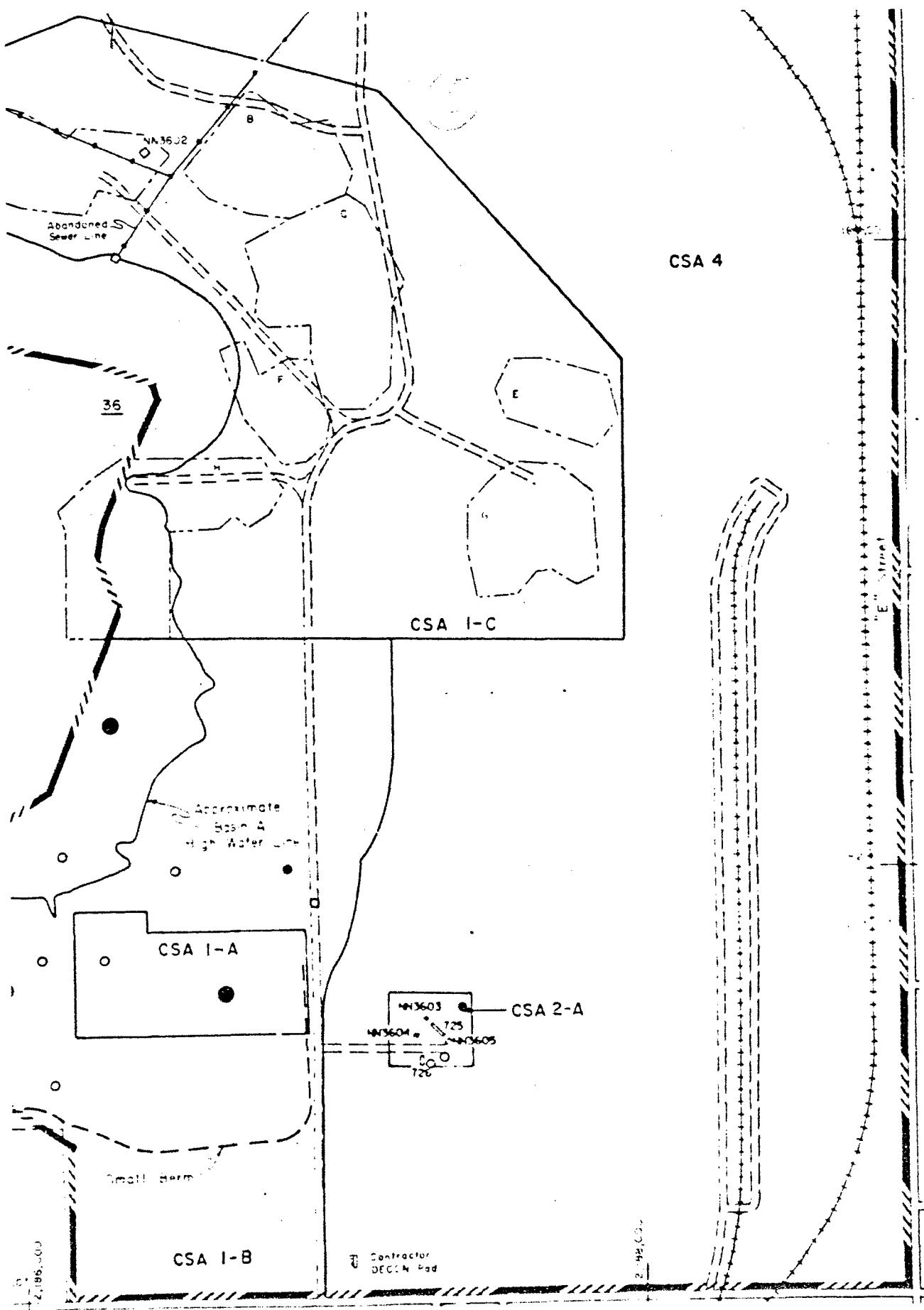
Legend

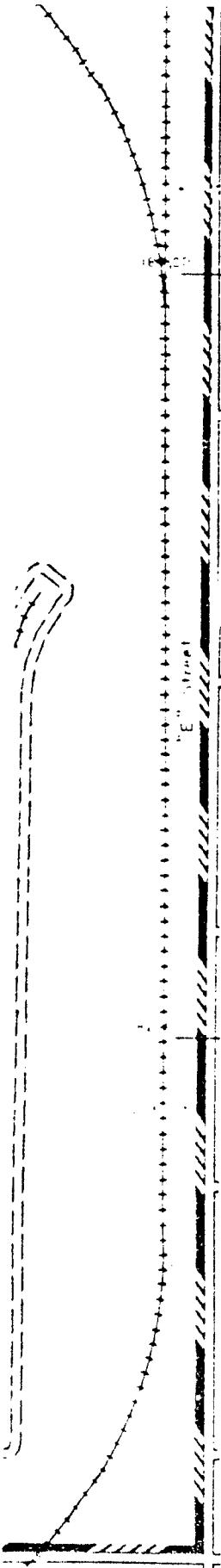
|              |                              |            |                  |
|--------------|------------------------------|------------|------------------|
| <u>—</u> —   | Excavated area               | <u>—</u> — | Unexcavated area |
| <u>—</u> —   | Breaker ditch                | <u>○</u> — | Shore line       |
| <u>—</u> —   |                              | <u>—</u> — | Section number   |
| <u>—</u> —   | Site plan grid               | <u>—</u> — | Structure        |
| <u>—</u> —   | Ex. area tracks              | <u>—</u> — | Former structure |
| <u>—</u> —   | Central Survey Area boundary | <u>—</u> — | Arcosal boundary |
| <u>CSATC</u> | Site boundary                | <u>—</u> — | Ontario sewer    |
| <u>—</u> —   | Geophysical anomaly          | <u>●</u> — | Chemical sewer   |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- o Below Certified Reporting Limit (BCRL)  
• 0.0050-1.0  
● 1.0-10  
○ 10-100  
◎ >100



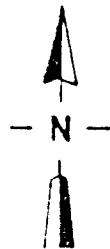


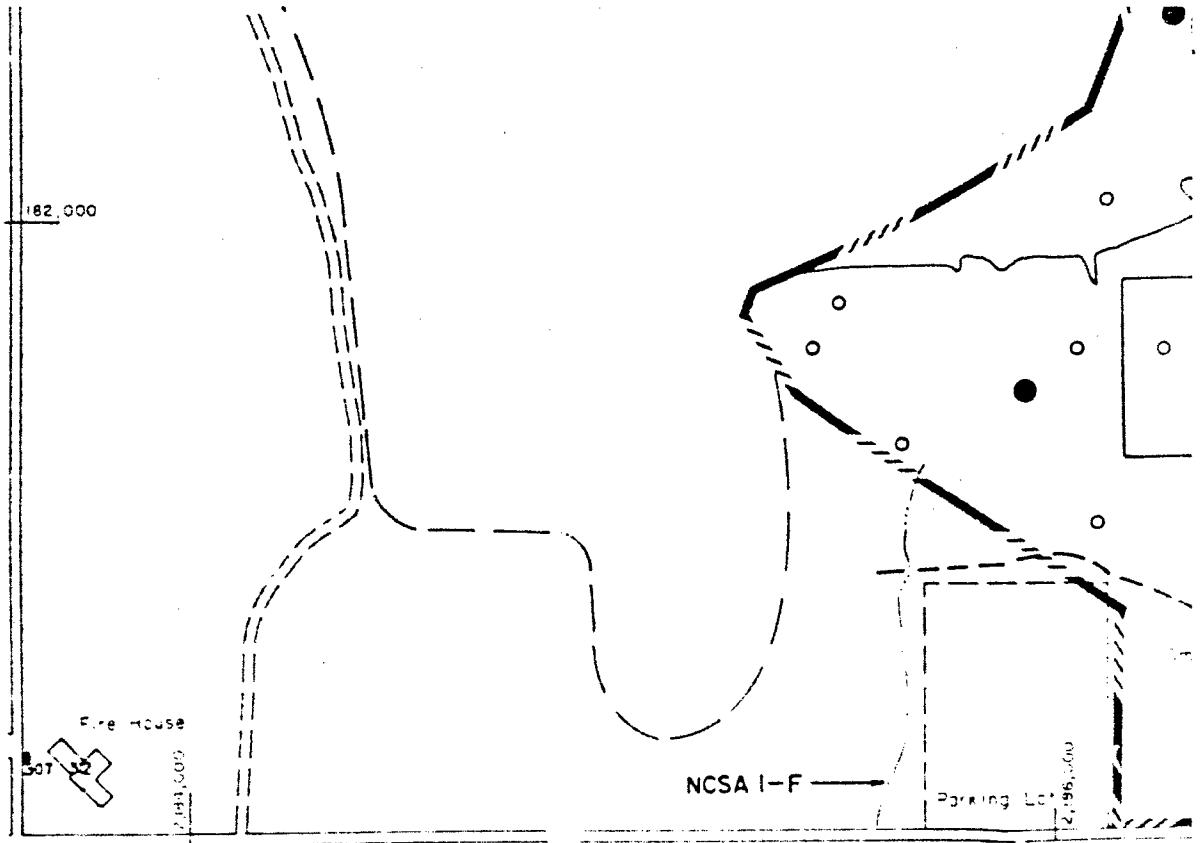


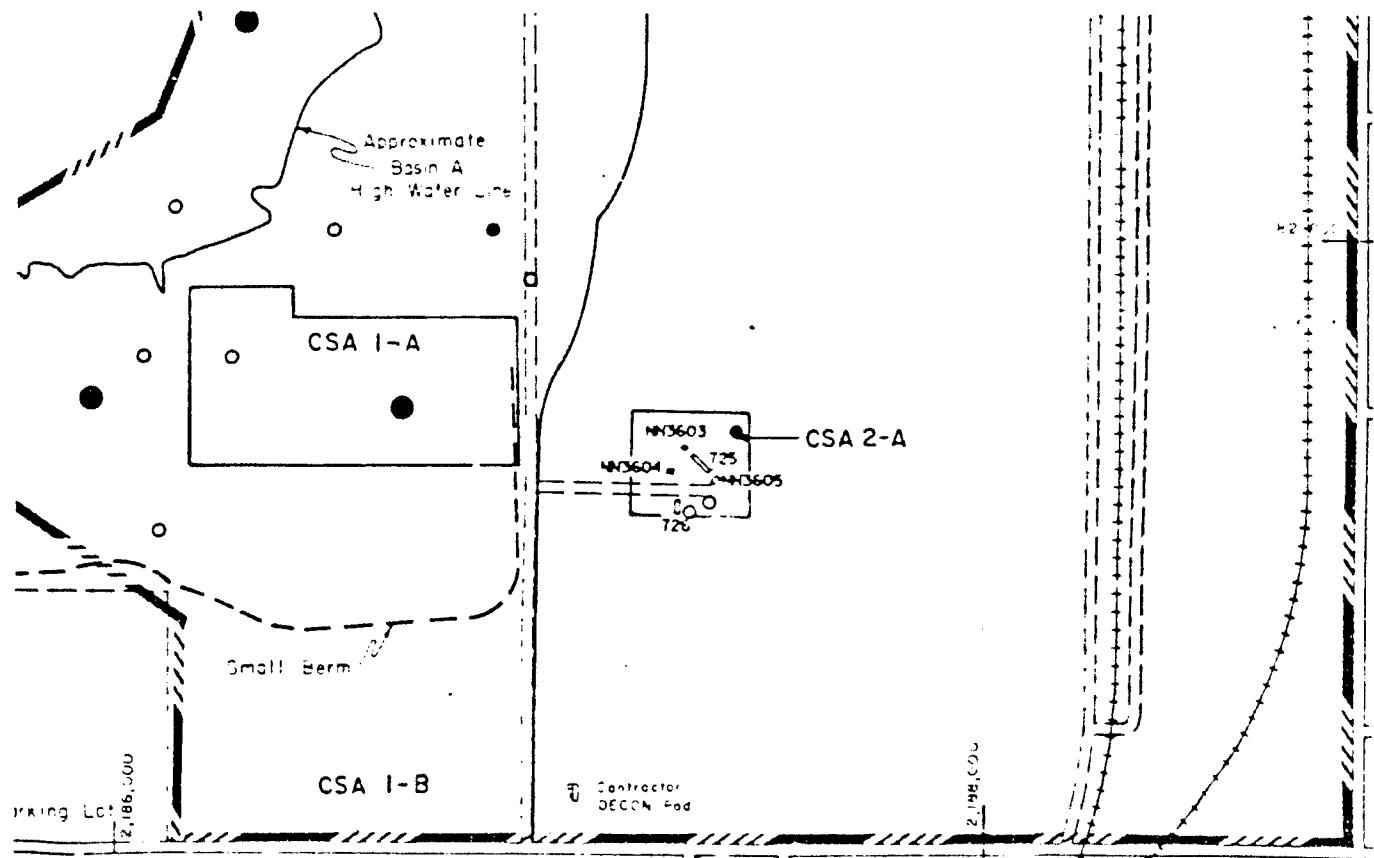
ROCKY MOUNTAIN ARSENAL  
LOCATION

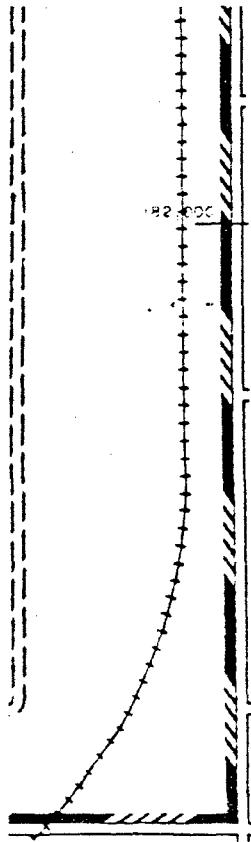
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 29 | 27 | 25 | 26 | 30 |
| 33 | 34 | 35 | 3  | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    |    | 2  | 8  |

1" = 4 MILES





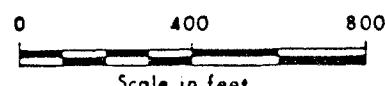
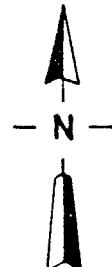




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |
|    |    |    |    | 8  |

1" = 4 MILES



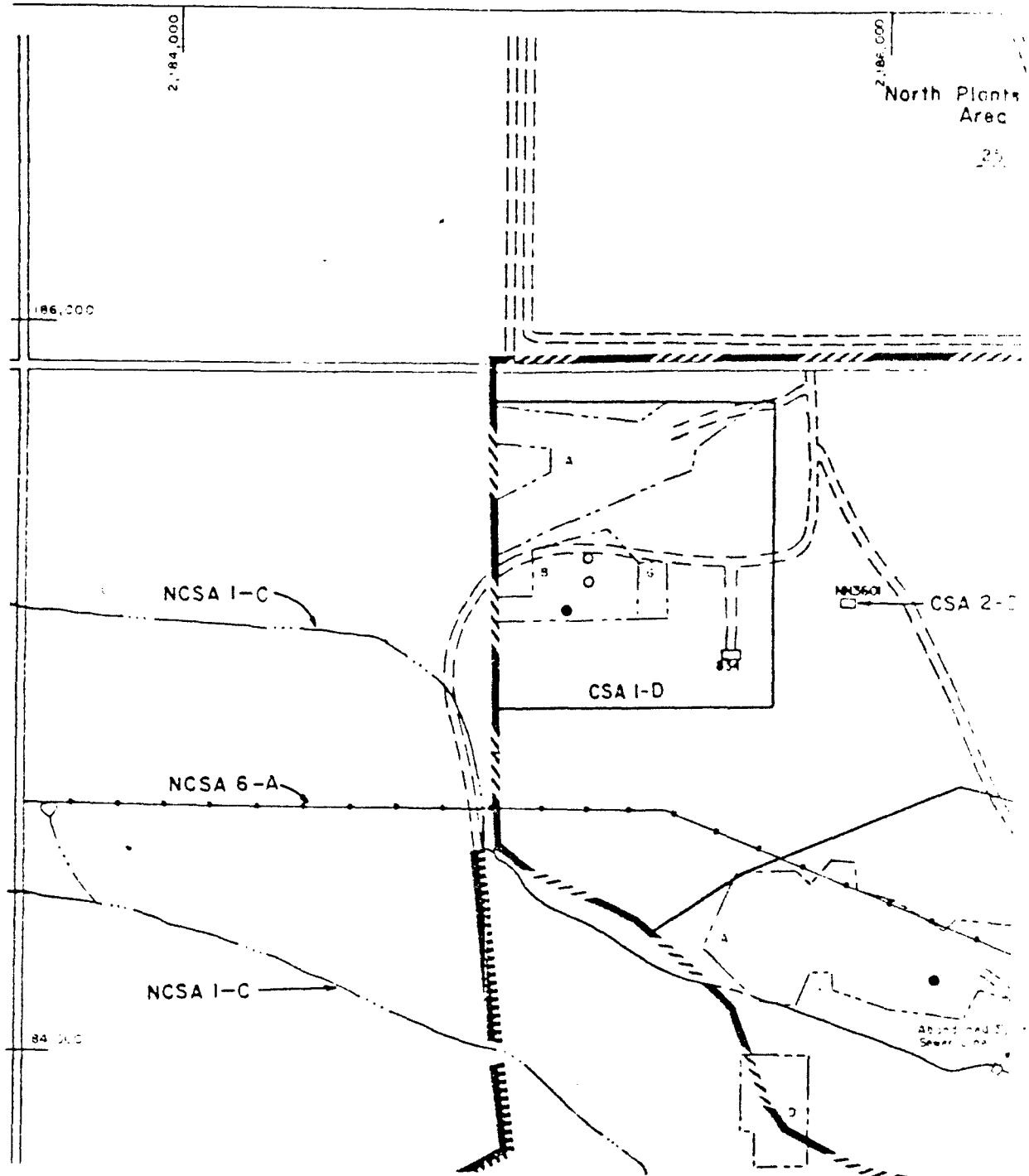
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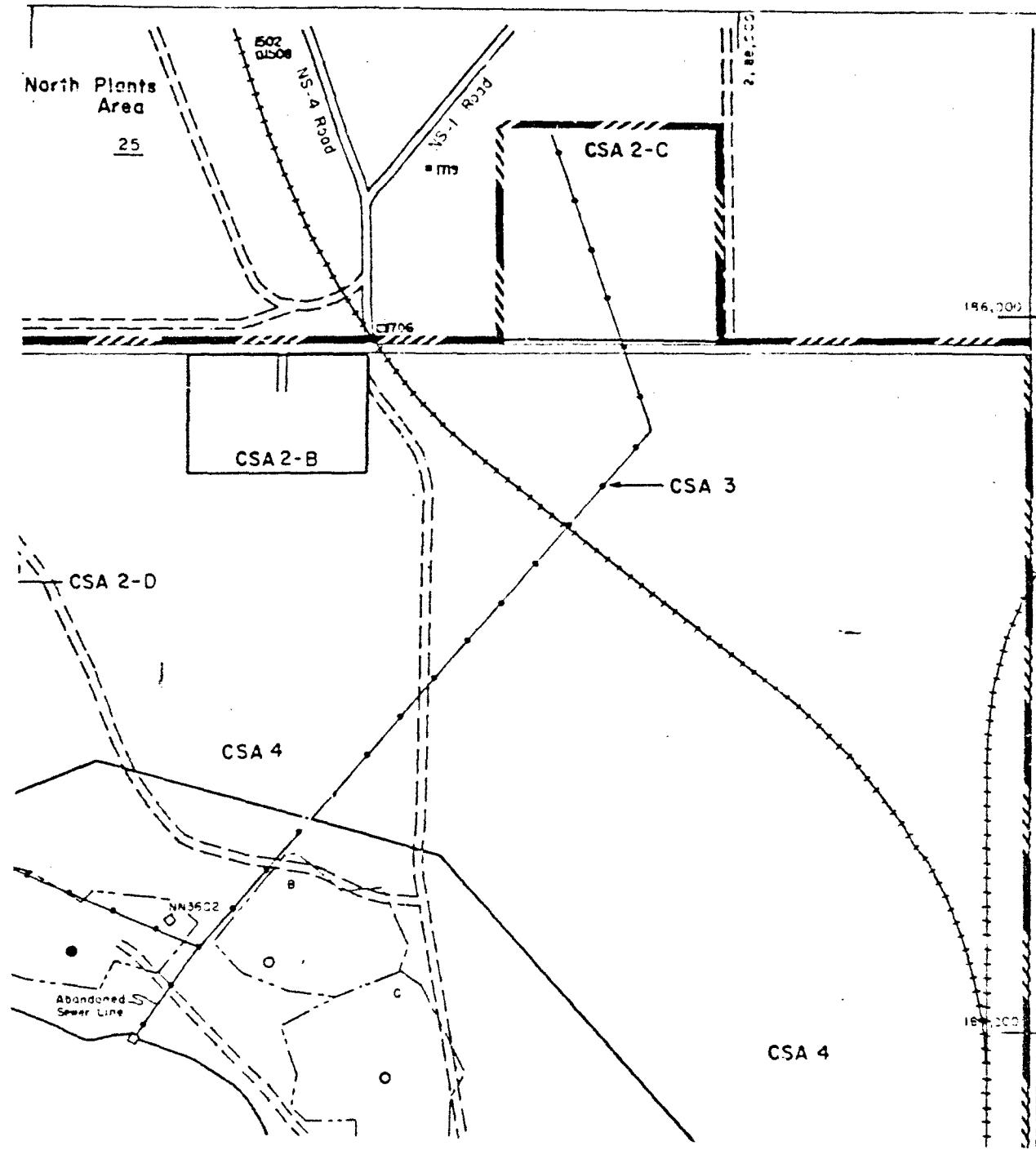
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-34

Fluoroacetic Acid in Soils  
in the 0-2ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





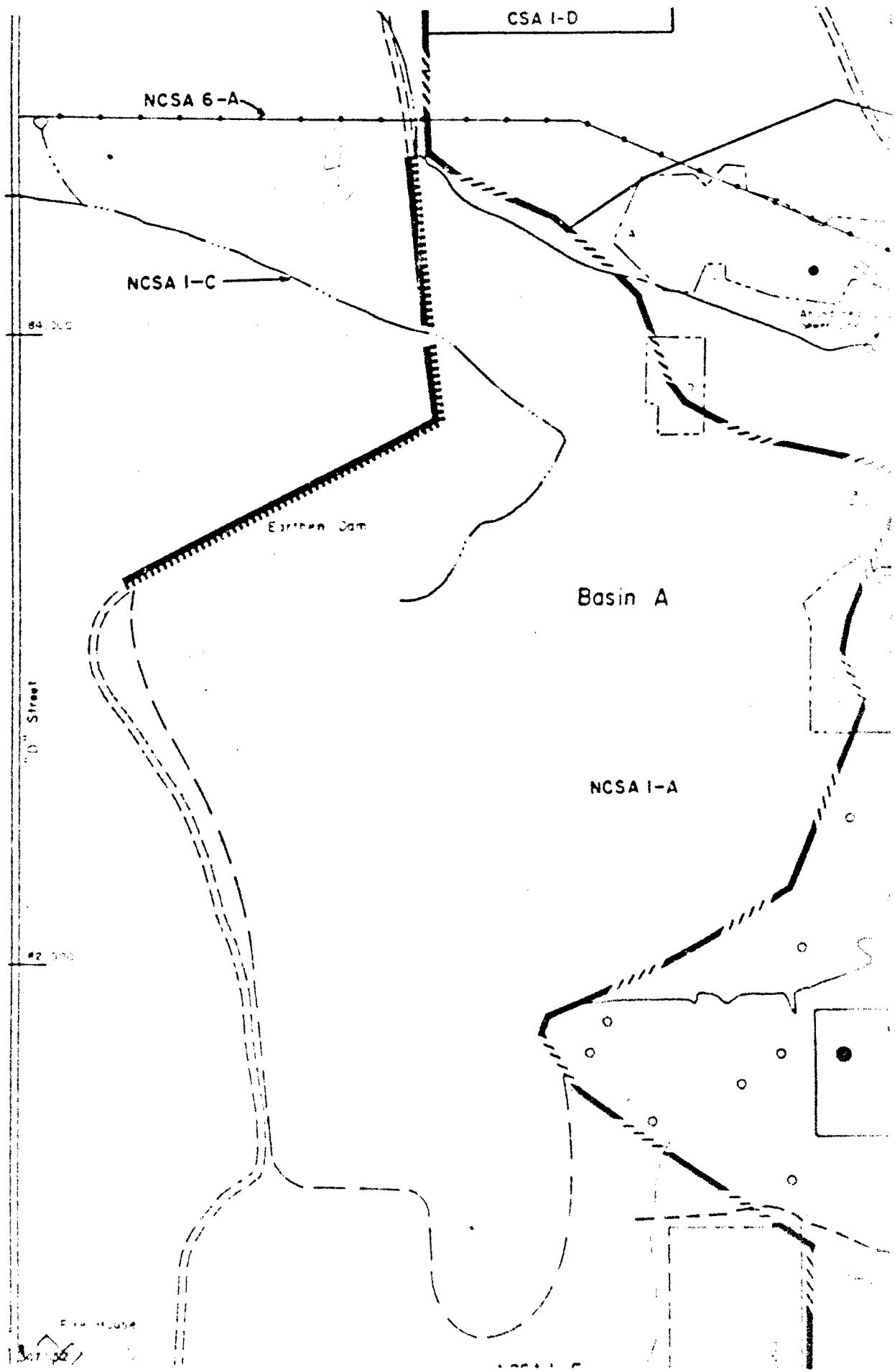
Legend

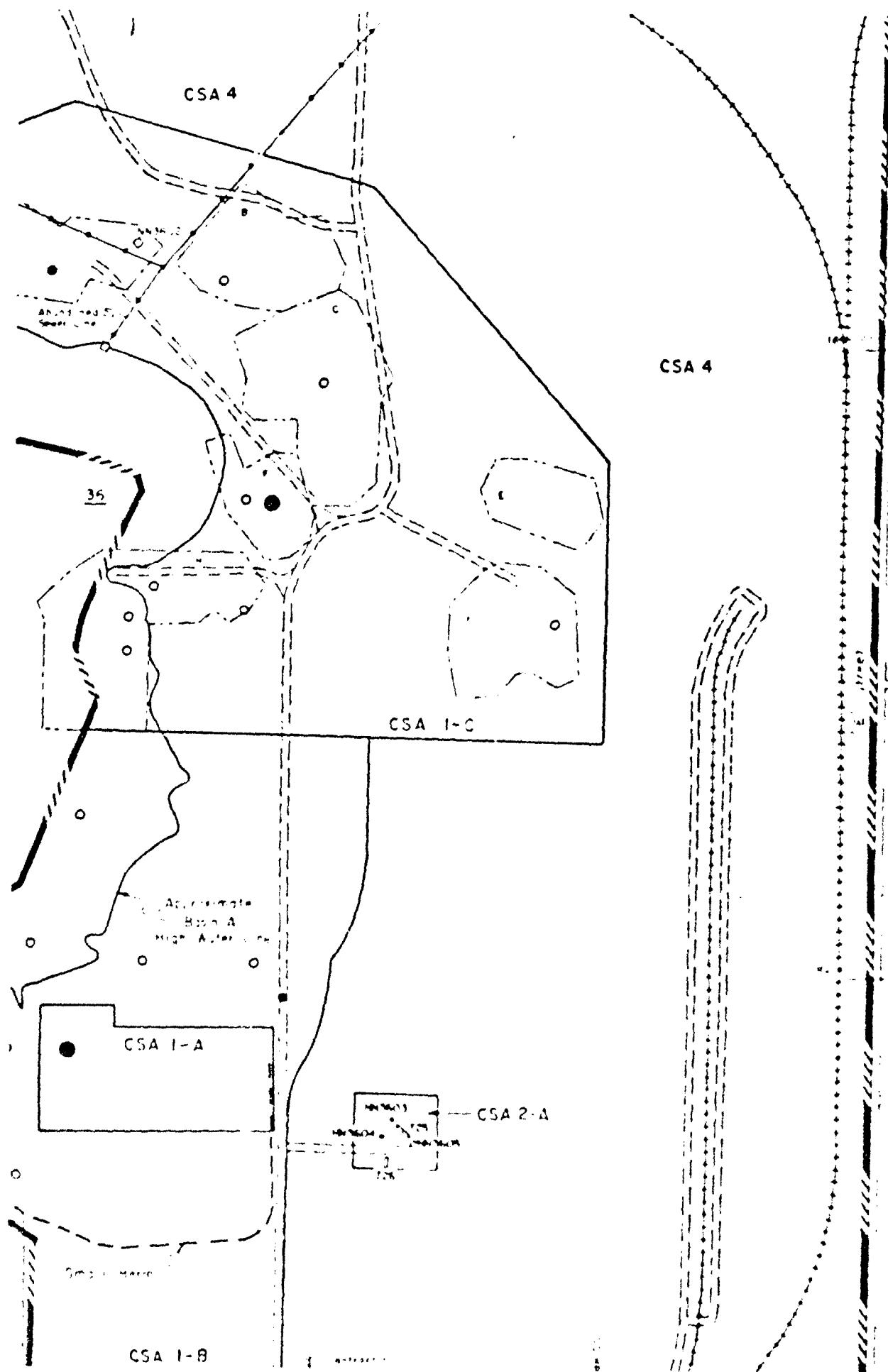
- |                                                        |                                            |
|--------------------------------------------------------|--------------------------------------------|
| <u>—</u> <u>—</u> Improved road                        | <u>—</u> <u>—</u> <u>—</u> Unimproved road |
| <u>—</u> <u>—</u> <u>—</u> Stream or ditch             | <u>○</u> Shore line                        |
|                                                        | <u>9</u> Section number                    |
| <u>186,000</u> State plane grid                        | <u>□</u> Structure                         |
| <u>→</u> <u>→</u> Railroad tracks                      | <u>[ ]</u> Former structure                |
| <u>—</u> <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary         |
| <u>CSA I-C</u> Site boundary                           | <u>-----</u> Sanitary sewer                |
| <u>—</u> <u>—</u> <u>B</u> Geophysical anomaly         | <u>●</u> <u>—</u> Chemical sewer           |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0050 - 1.0
- 1.0 - 10
- 10 - 100
- >100





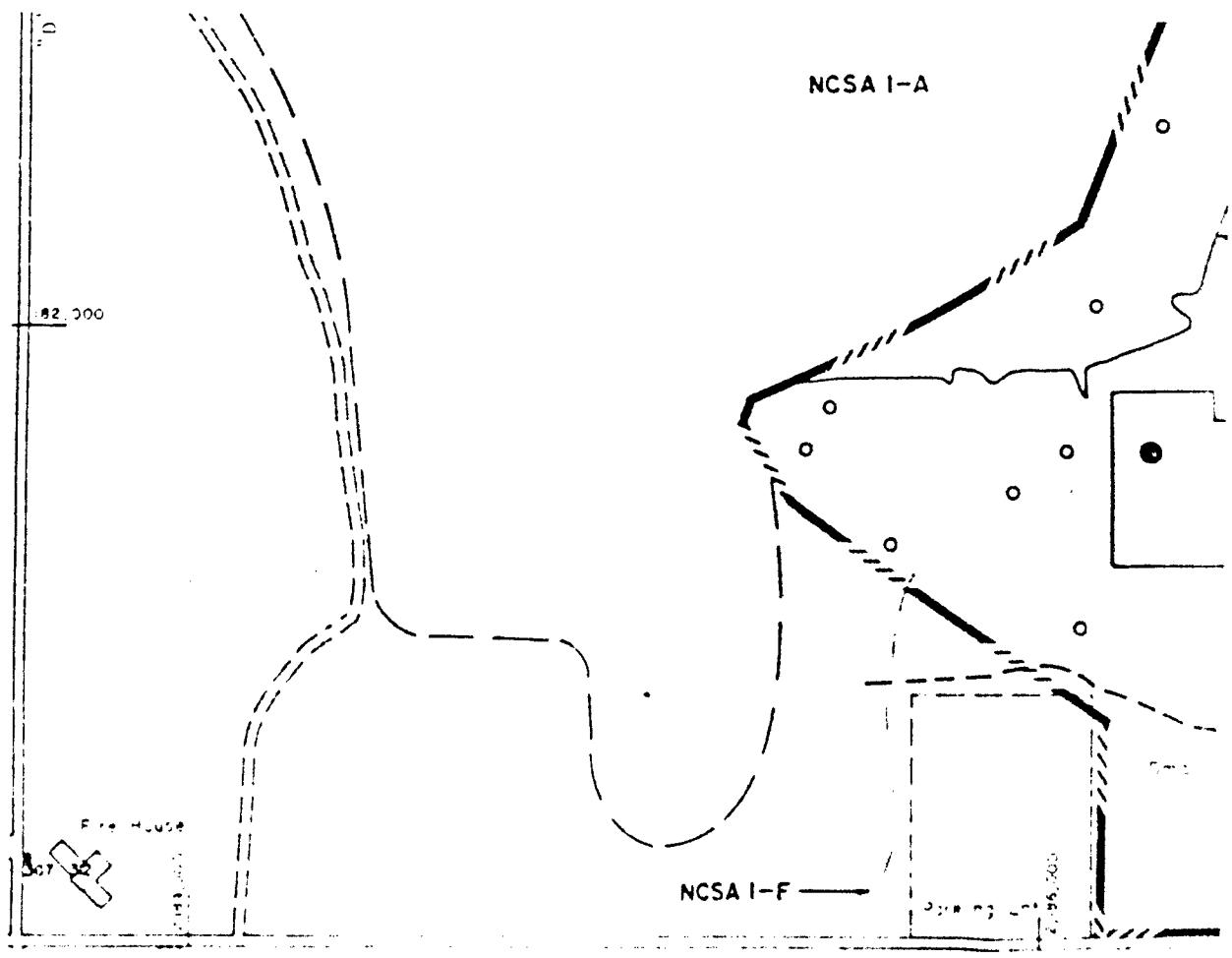


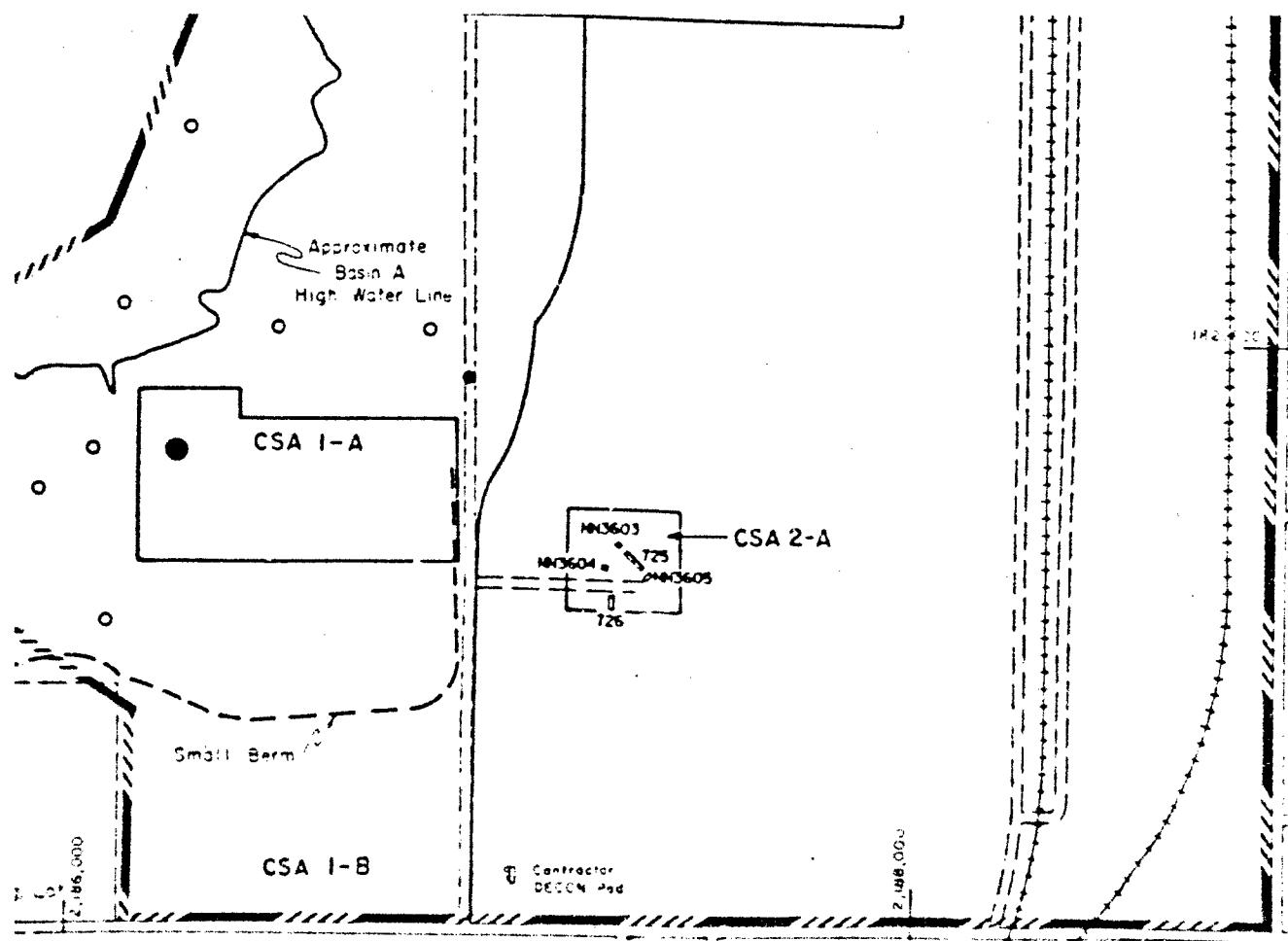
"E" Street

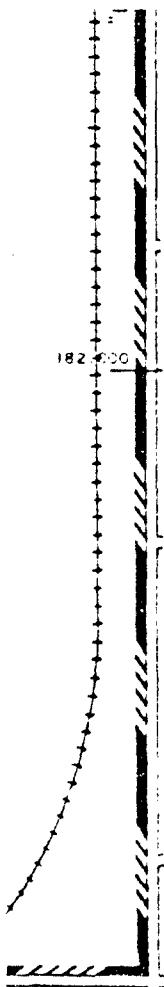
ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 25 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 29 | 31 |
| 33 | 34 | 35 | 36 | 32 |
| 4  | 5  | 2  | 1  | 6  |
| 3  |    | 2  | 7  | 8  |

1" = 4 MILES



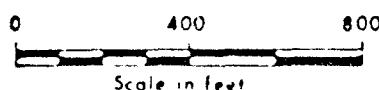
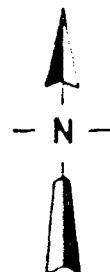




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    | 1  | 2  | 7  |

1" = 4 MILES



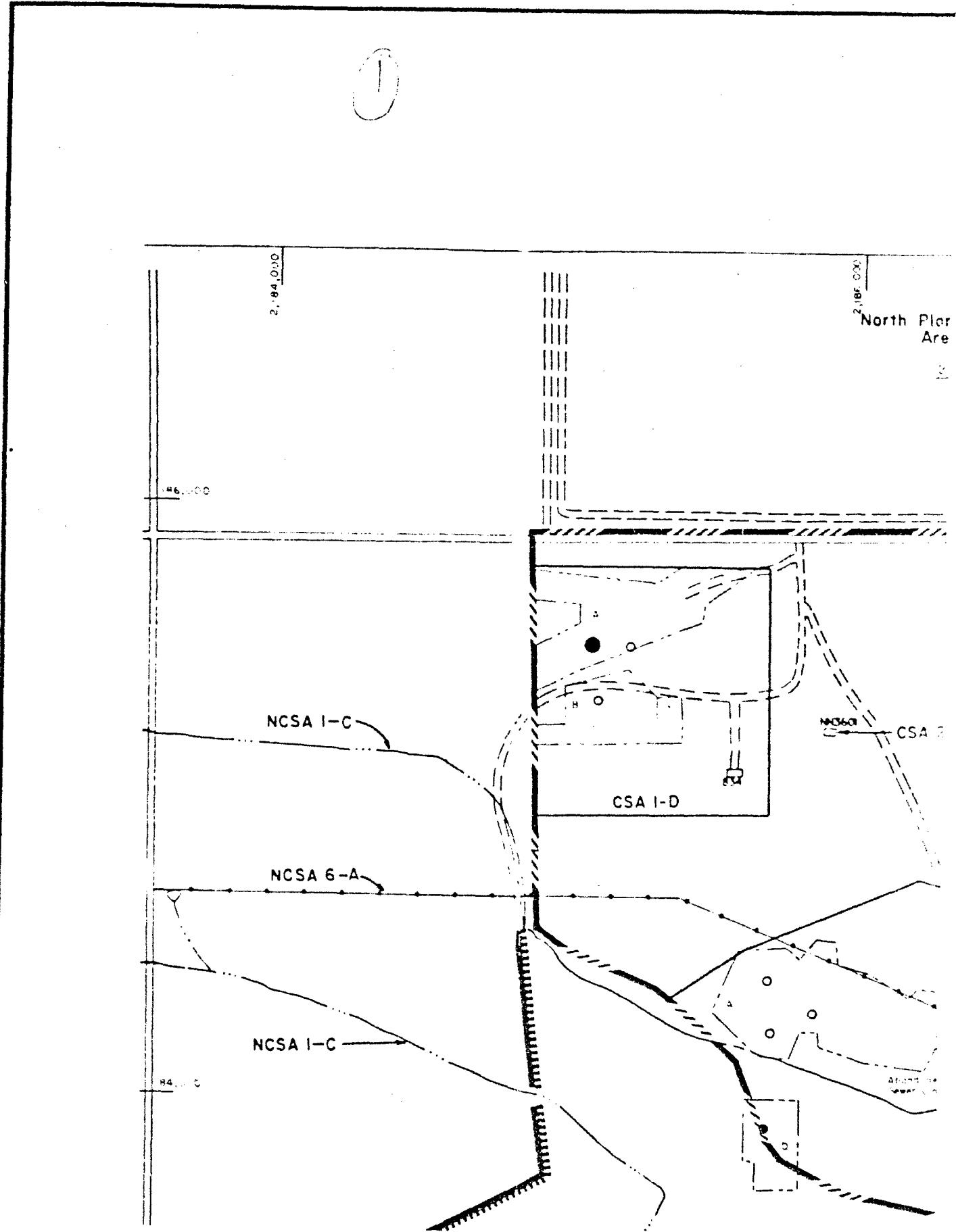
Prepared for:

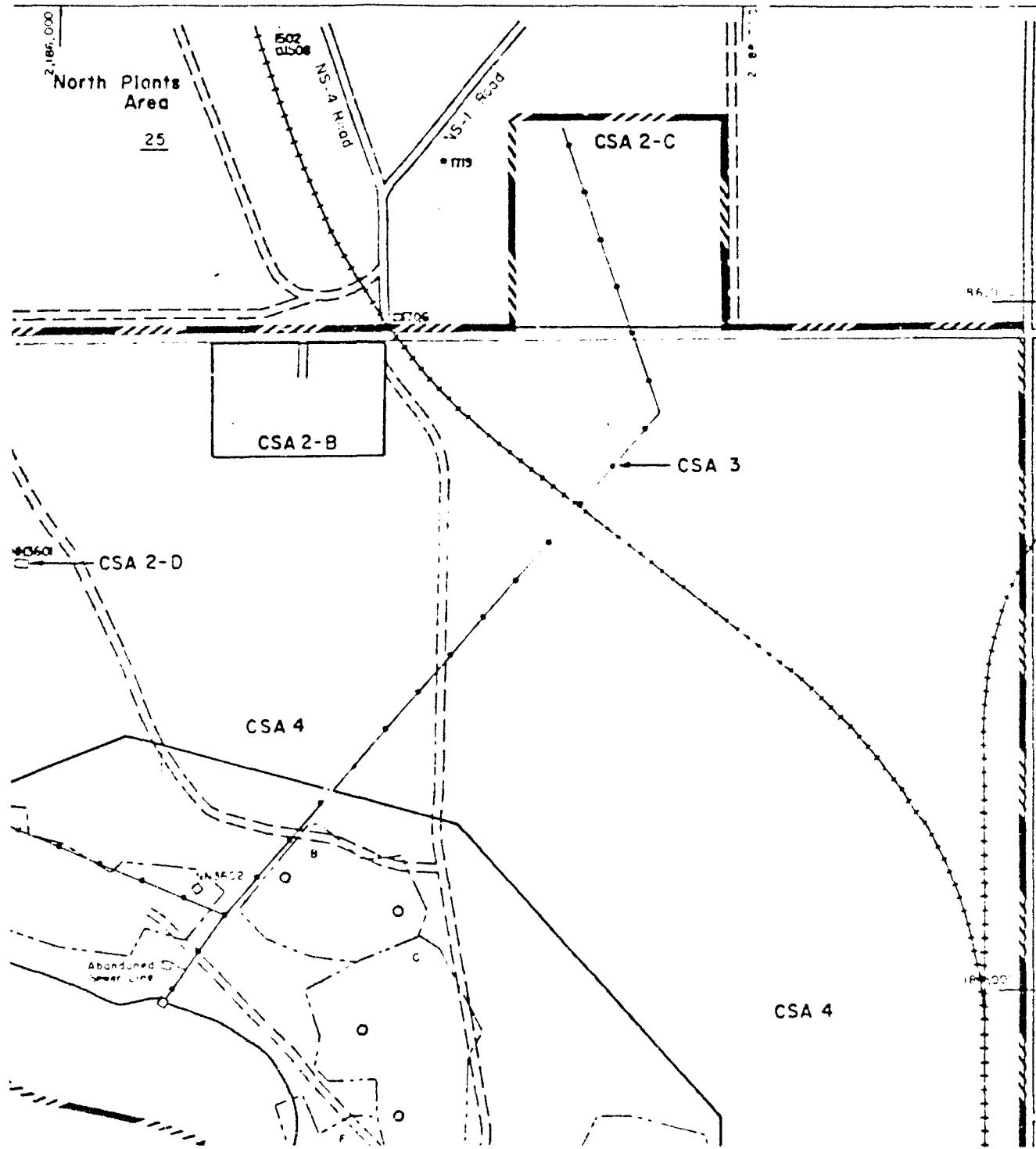
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

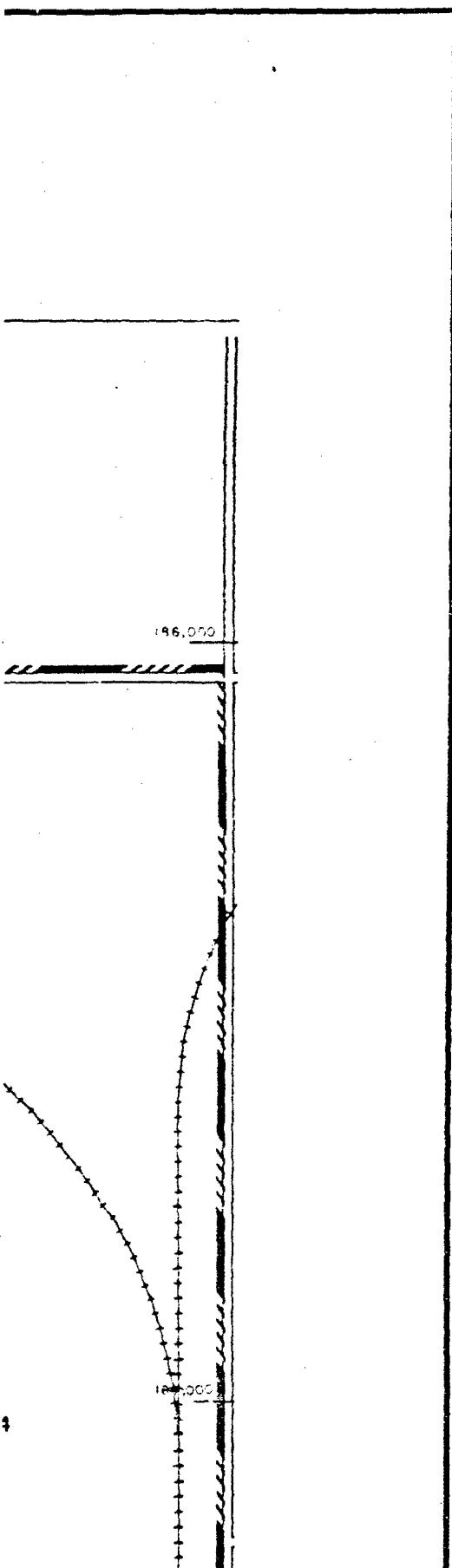
PLATE CSA 21-35

Fluoroacetic Acid in Soils  
in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



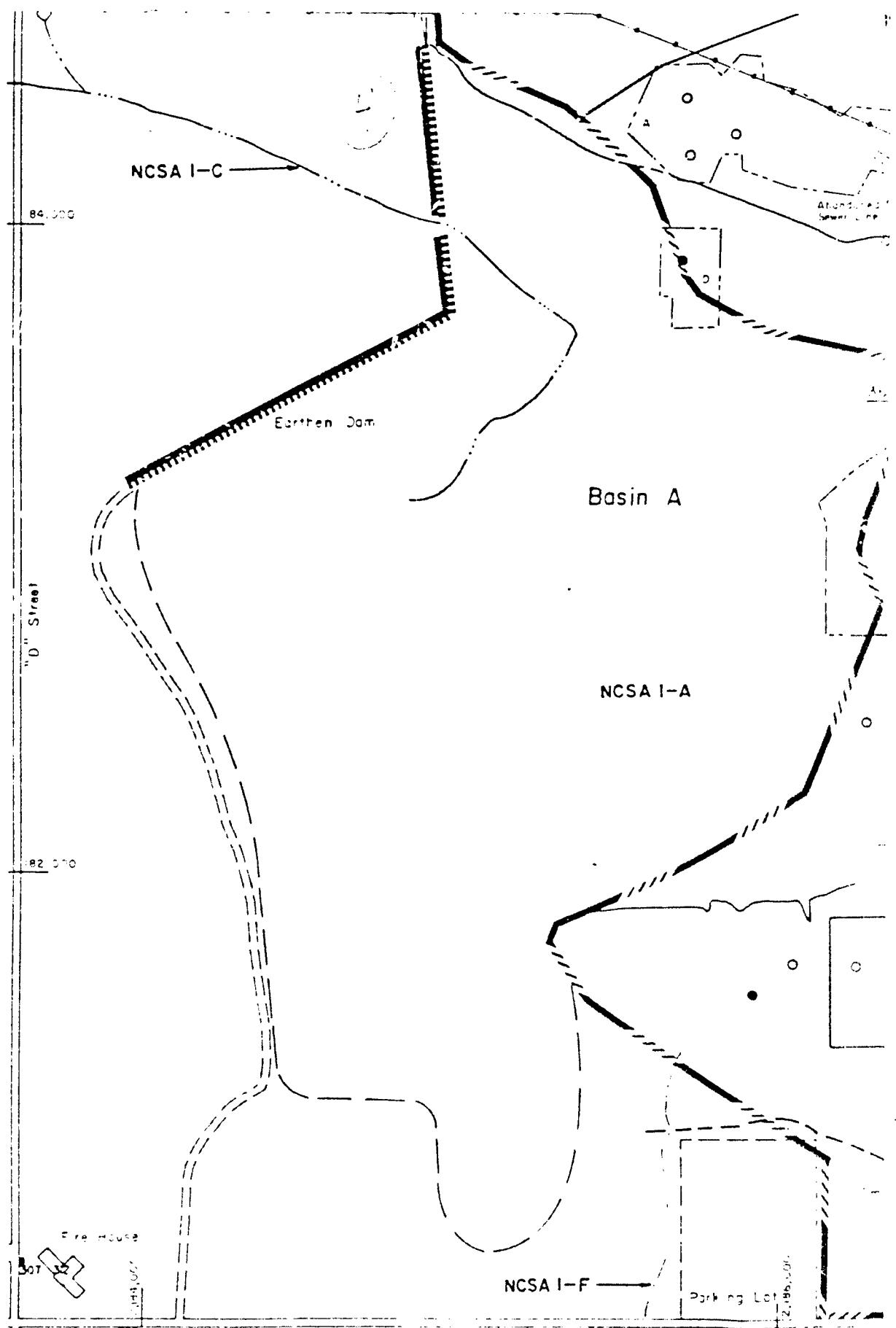


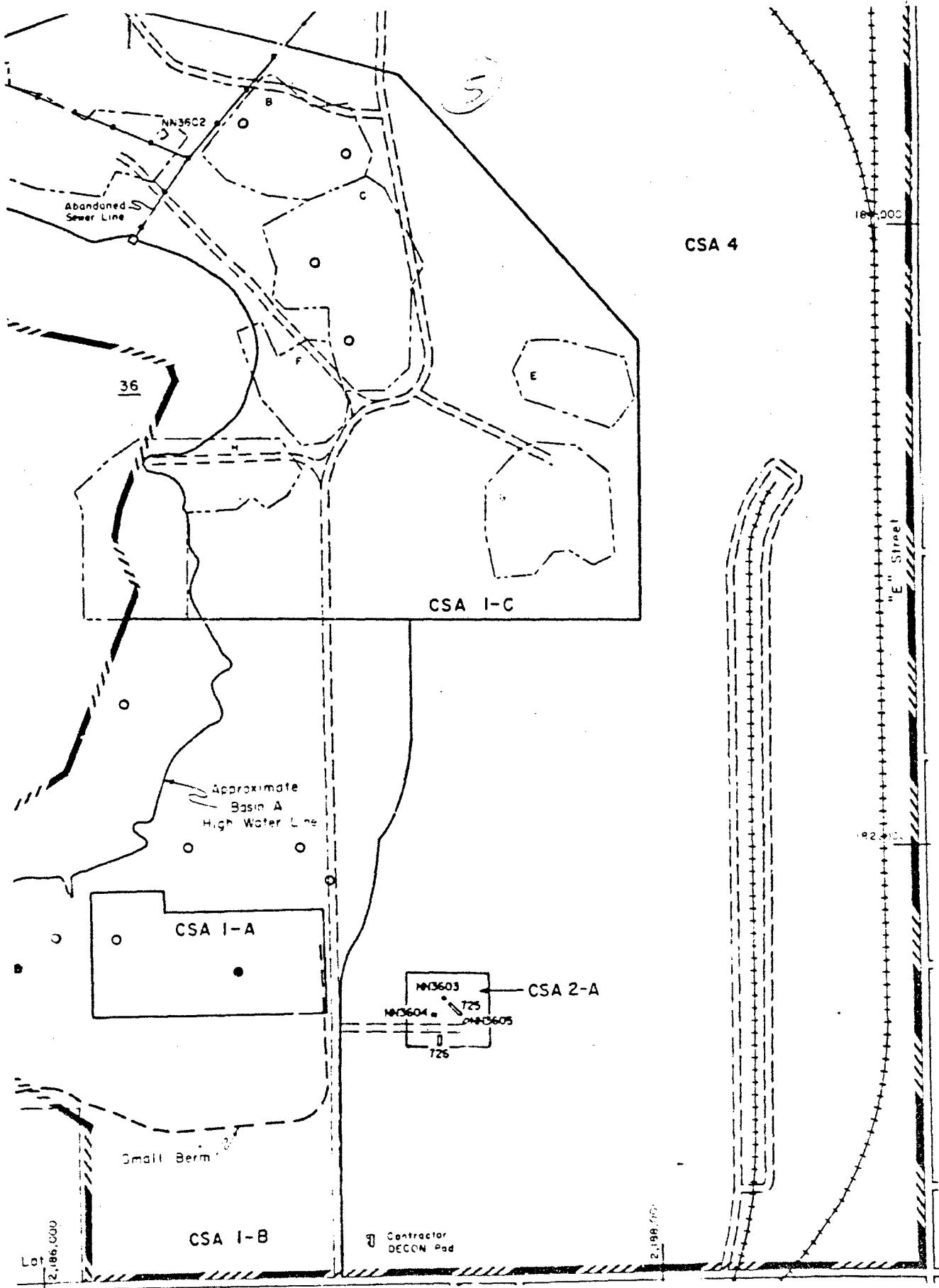


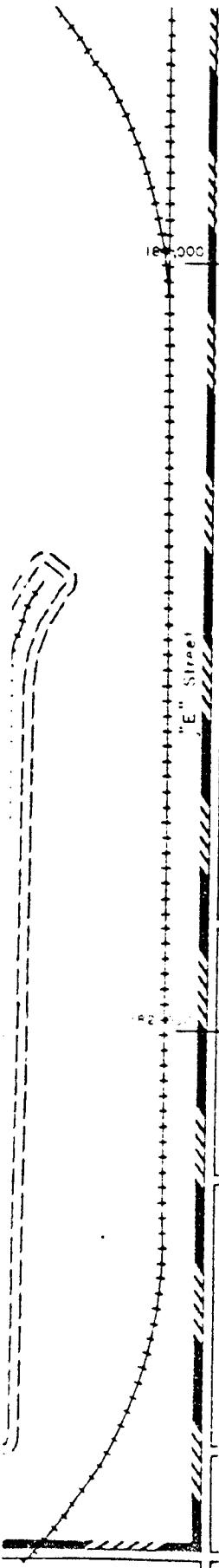
| <u>Legend</u>                                 |                                                      |
|-----------------------------------------------|------------------------------------------------------|
| <u>—</u> <u>—</u> Improved road               | <u>—</u> <u>—</u> Unimproved road                    |
| <u>~</u> <u>~</u> Stream or ditch             | <u>○</u> Shore line                                  |
|                                               | <u>9</u> Section number                              |
| <u>186,000</u> State plane grid               | <input type="checkbox"/> Structure                   |
| <u>→</u> <u>→</u> Railroad tracks             | <input checked="" type="checkbox"/> Former structure |
| <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary                   |
| <u>CSA I-C</u> Site boundary                  | <u>-----</u> Sanitary sewer                          |
| <u>—</u> <u>—</u> B Geophysical anomaly       | <u>—</u> <u>—</u> Chemical sewer                     |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0050--1.0
- 1.0 - 10
- 10 - 100
- >100



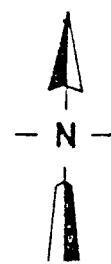


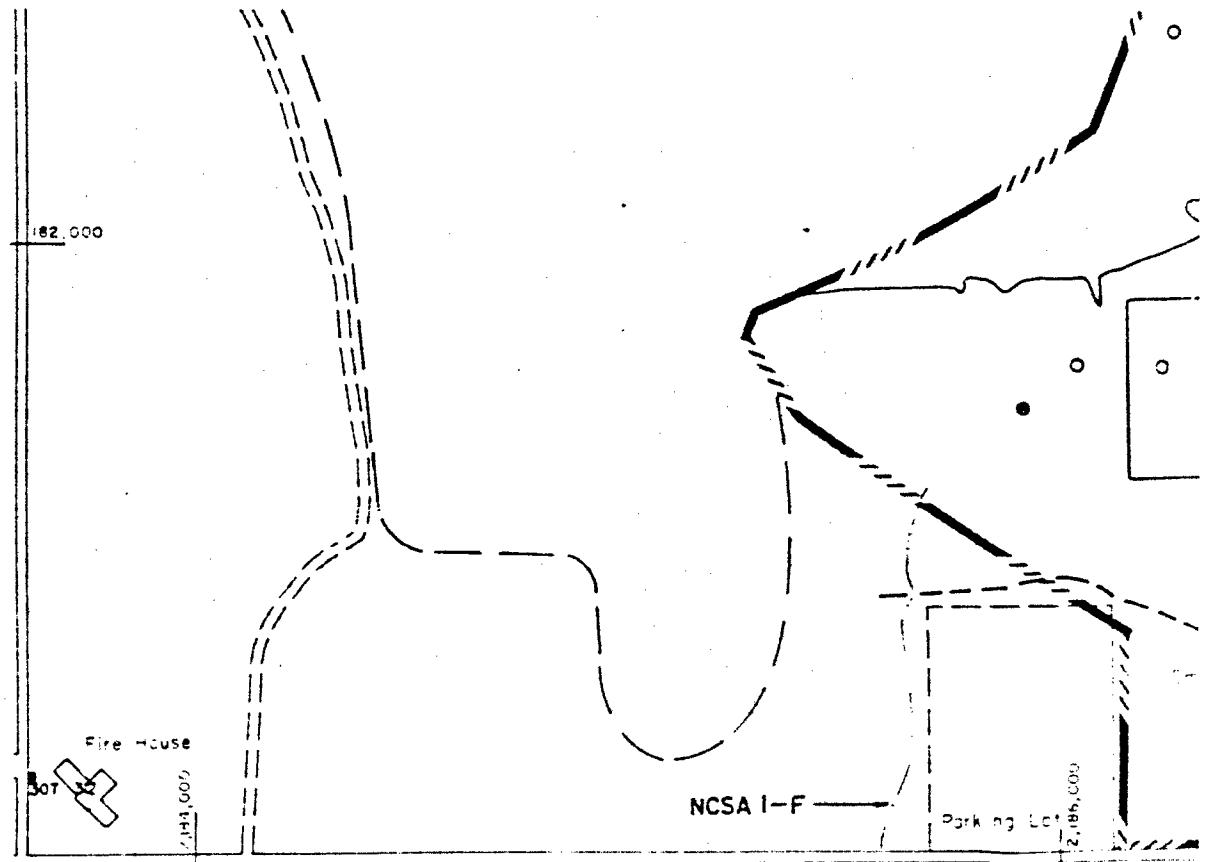


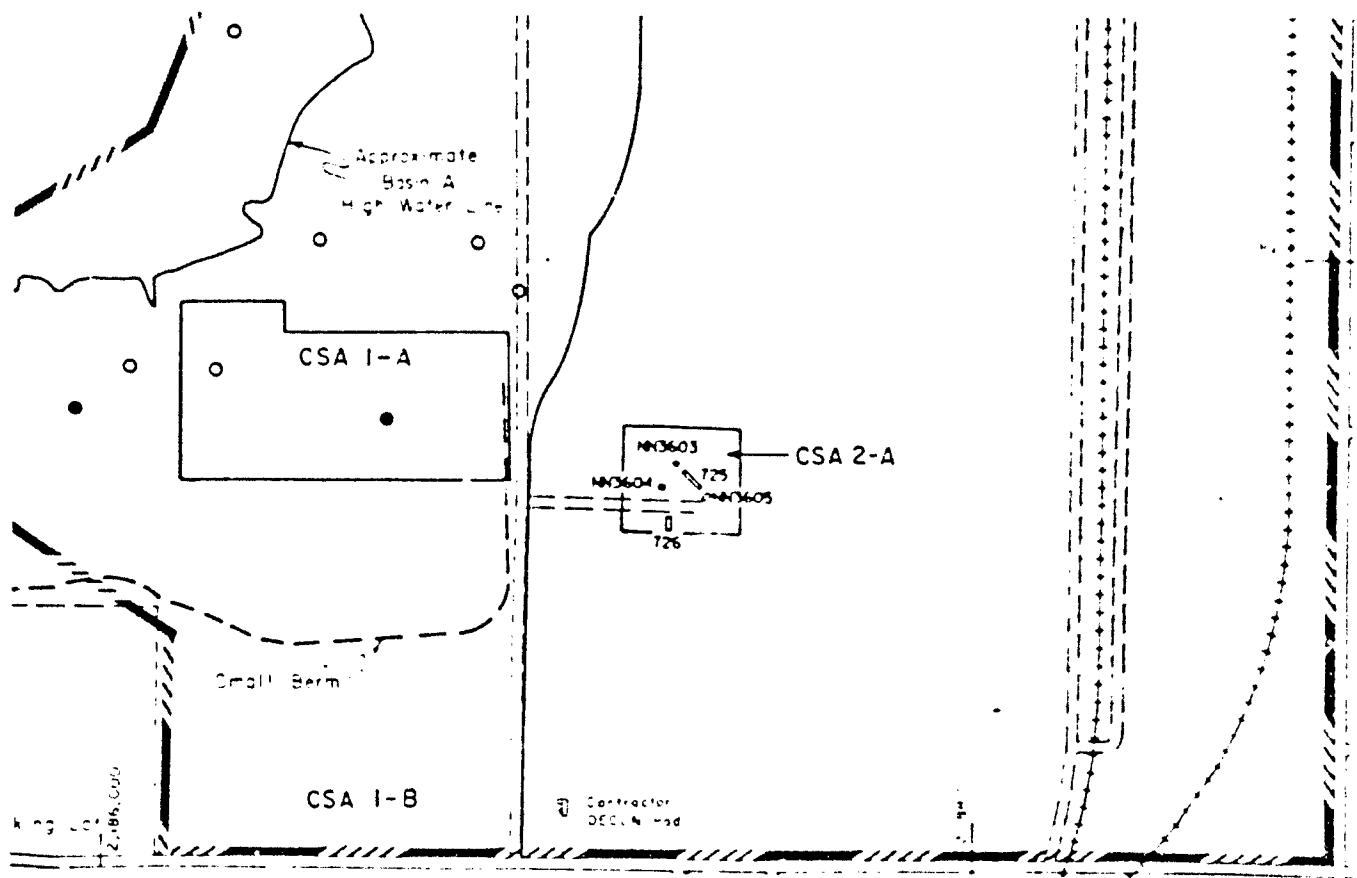
ROCKY MOUNTAIN ARSENAL  
LOCATION

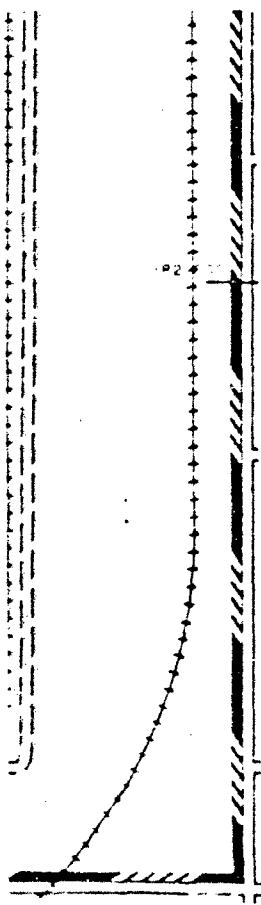
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 25 | 25 | 30 |
| 33 | 34 | 35 | 32 | 31 |
| 4  | 5  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES





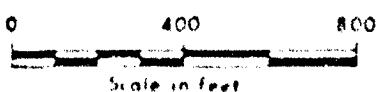




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 29 | 27 | 26 | 28 | 30 |
| 33 | 34 | 35 | 36 | 32 |
| 4  | 5  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



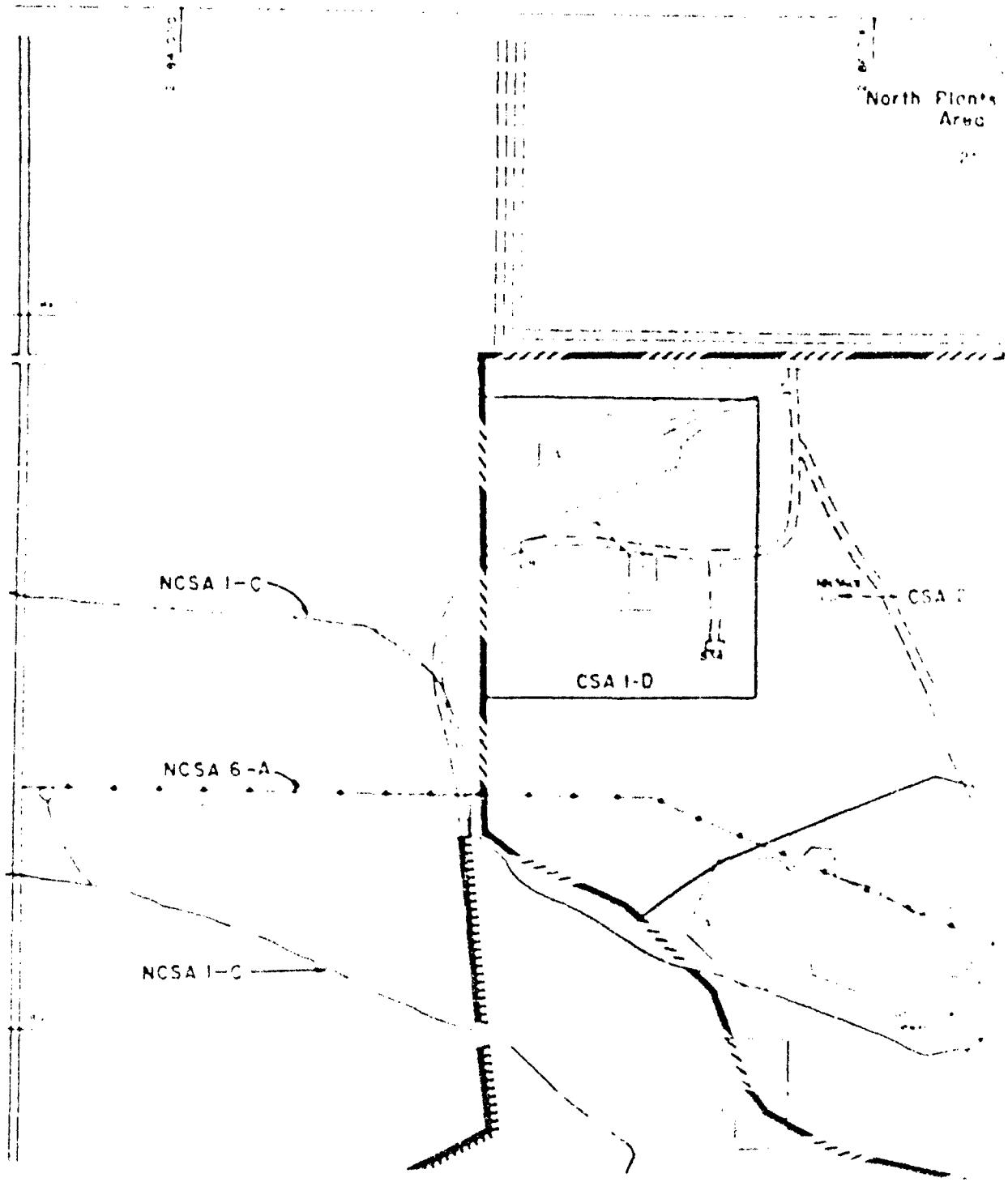
Prepared for:

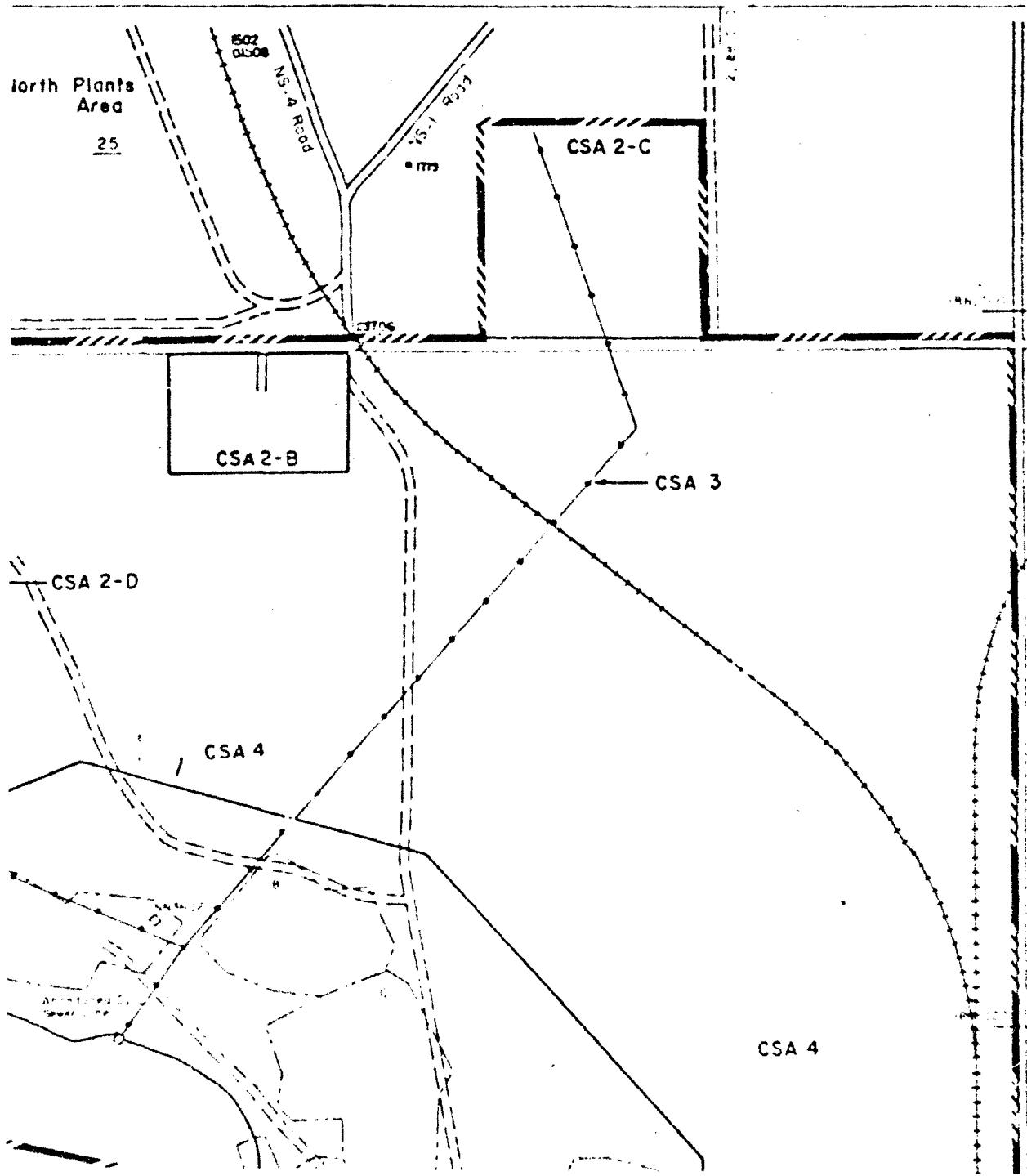
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-36

Fluorocetic Acid in Soils  
in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



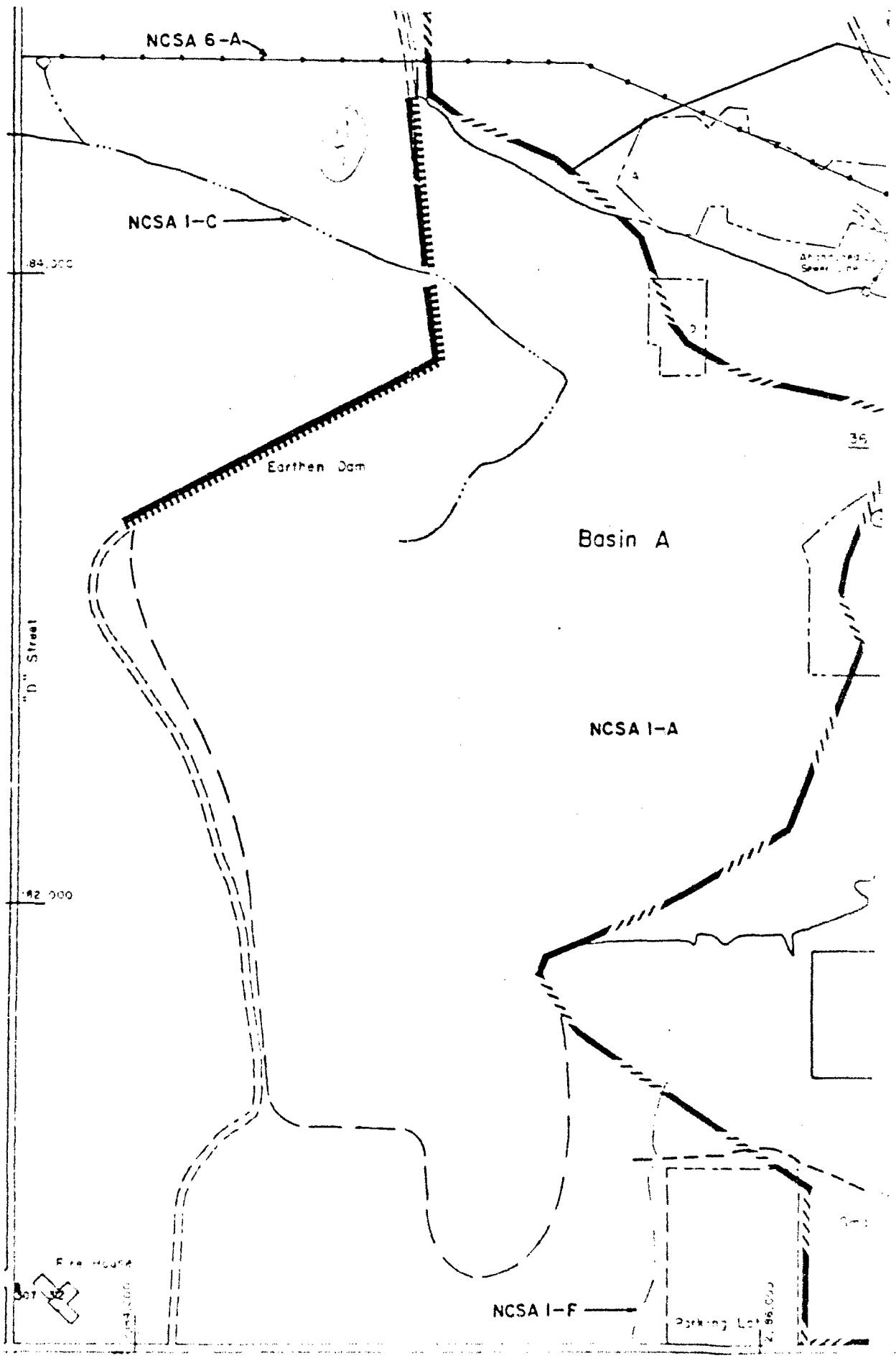


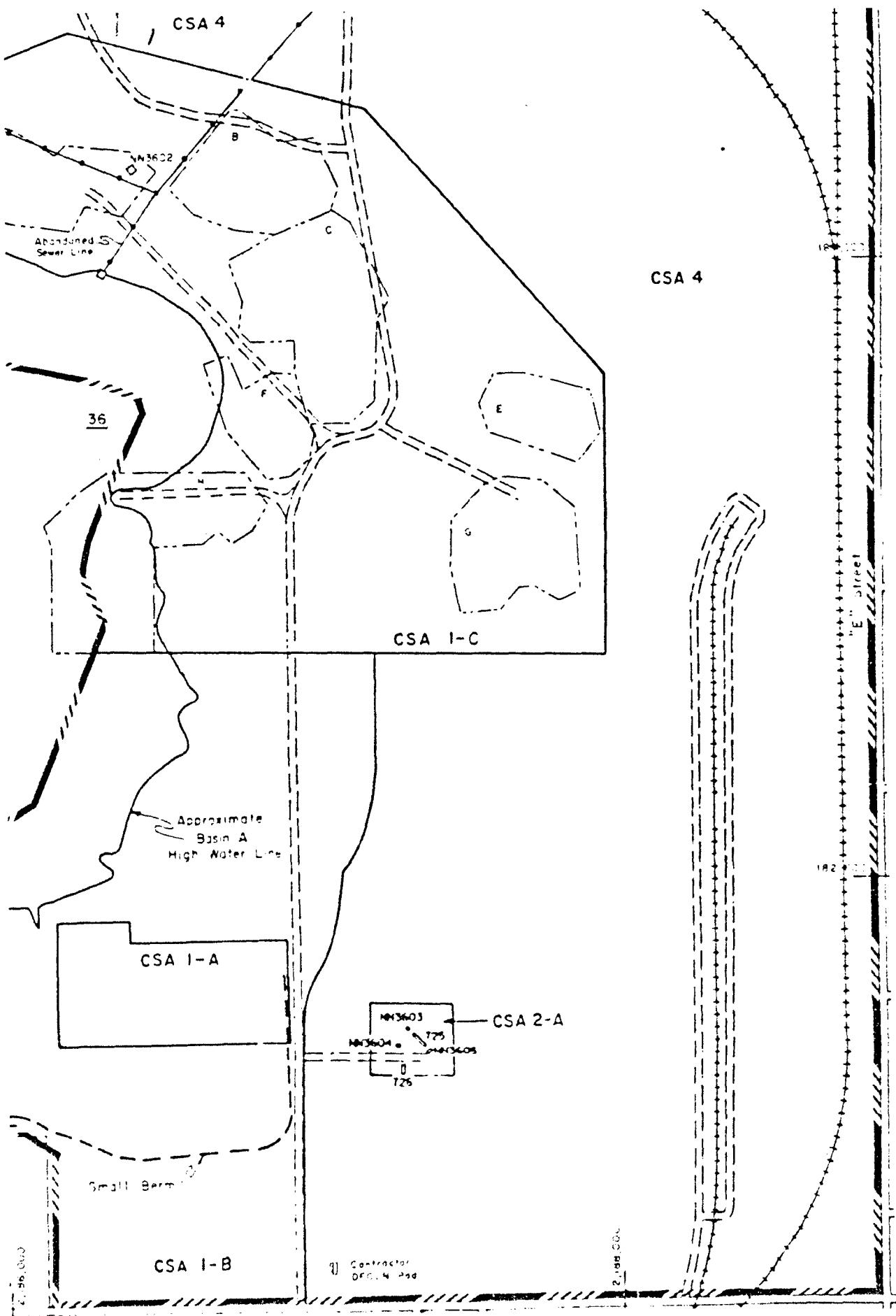
Legend

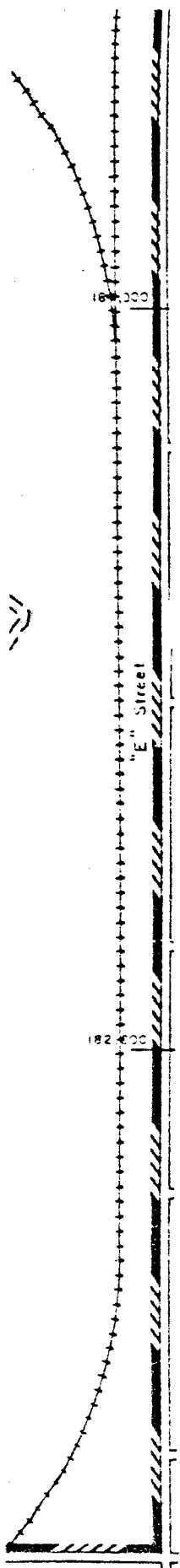
- |                                          |                               |
|------------------------------------------|-------------------------------|
| <u>—</u> Improved road                   | <u>—</u> Unimproved road      |
| <u>~</u> Stream or ditch                 | <u>○</u> Shore line           |
|                                          | <u>9</u> Section number       |
| <u>188,000</u> State plane grid          | <u>□</u> Structure            |
| <u>→ ←</u> Railroad tracks               | <u>[ ]</u> Former structure   |
| <u>— - -</u> Central Study Area boundary | <u>- - -</u> Arsenal boundary |
| <u>CSA I-C</u> Site boundary             | <u>- - -</u> Sanitary sewer   |
| <u>—</u> 8 Geophysical anomaly           | <u>—</u> Chemical sewer       |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0050 - 1.0
- 1.0 - 10
- 10 - 100
- >100







ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 53 | 34 | 35 | 32 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



NCSA I-A

182.000

Fire House

307

182.000

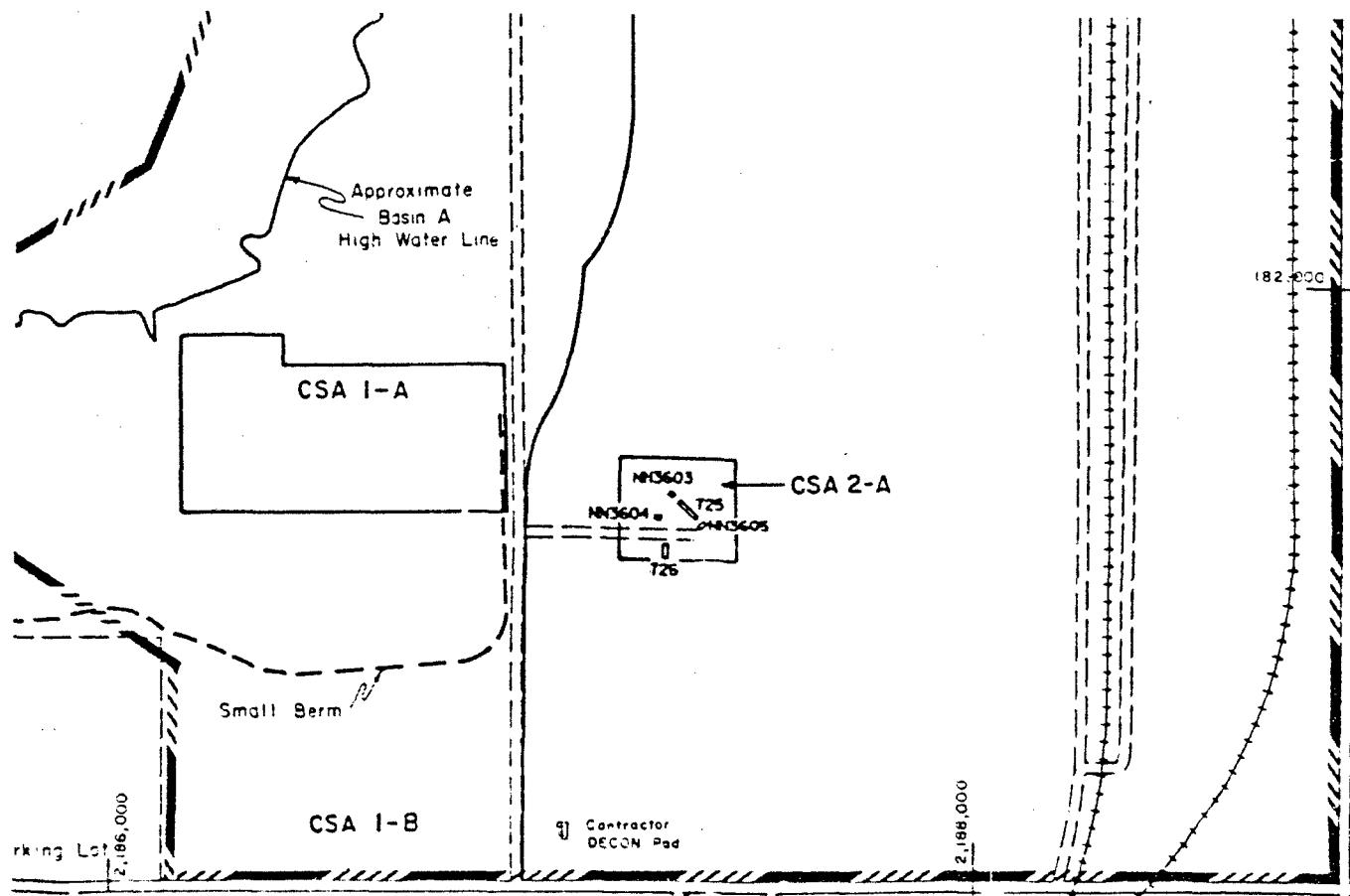
NCSA I-F

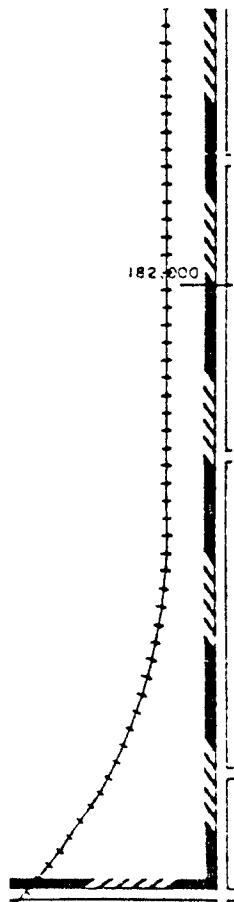
182.000

Parking Lot

182.000

Site

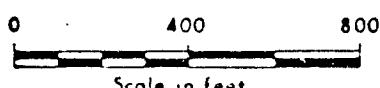
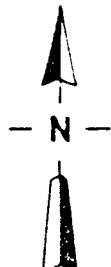




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 25 | 25 | 30 |
| 33 | 34 | 35 | 34 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |
|    |    |    | 8  |    |

1" = 4 MILES



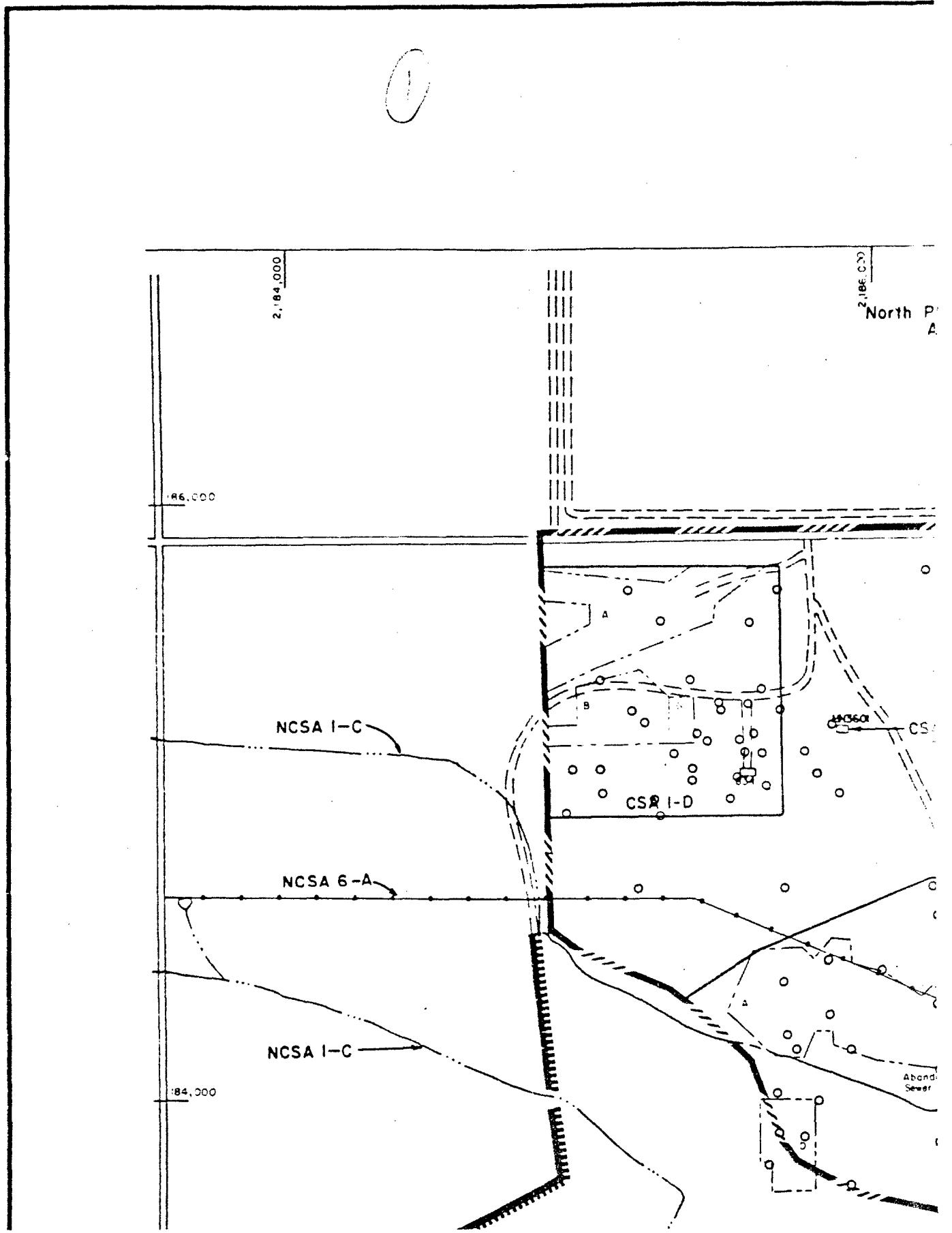
Prepared for:

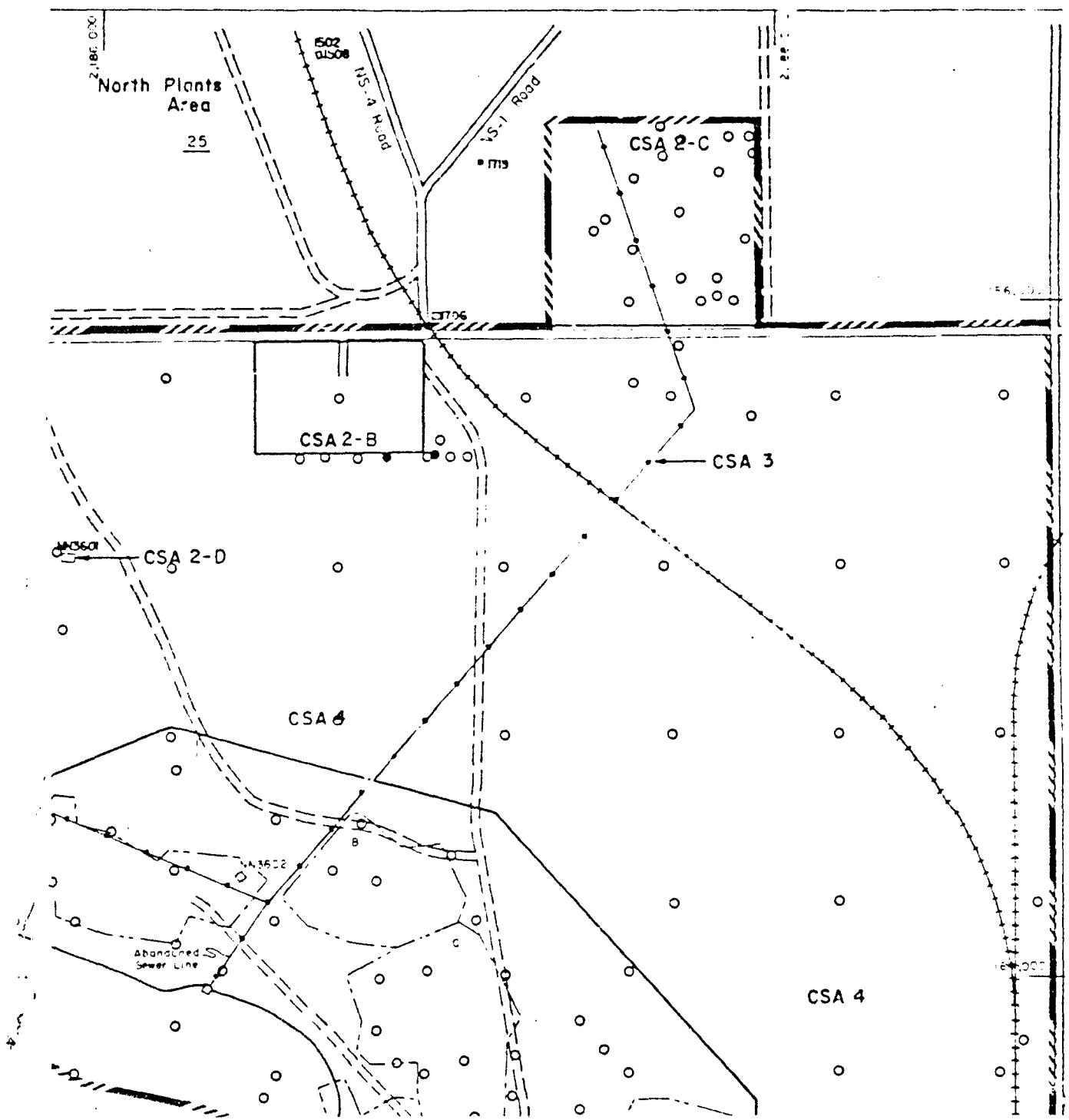
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

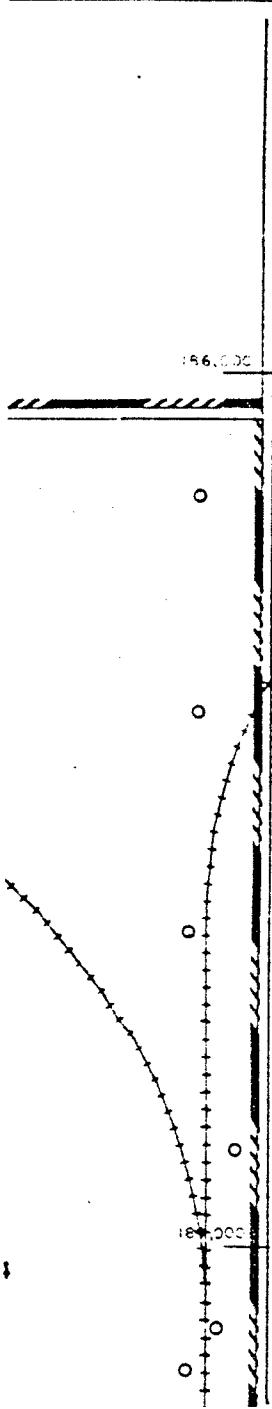
PLATE CSA 2.1-37

Fluoroacetic Acid in Soils  
in the >20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated





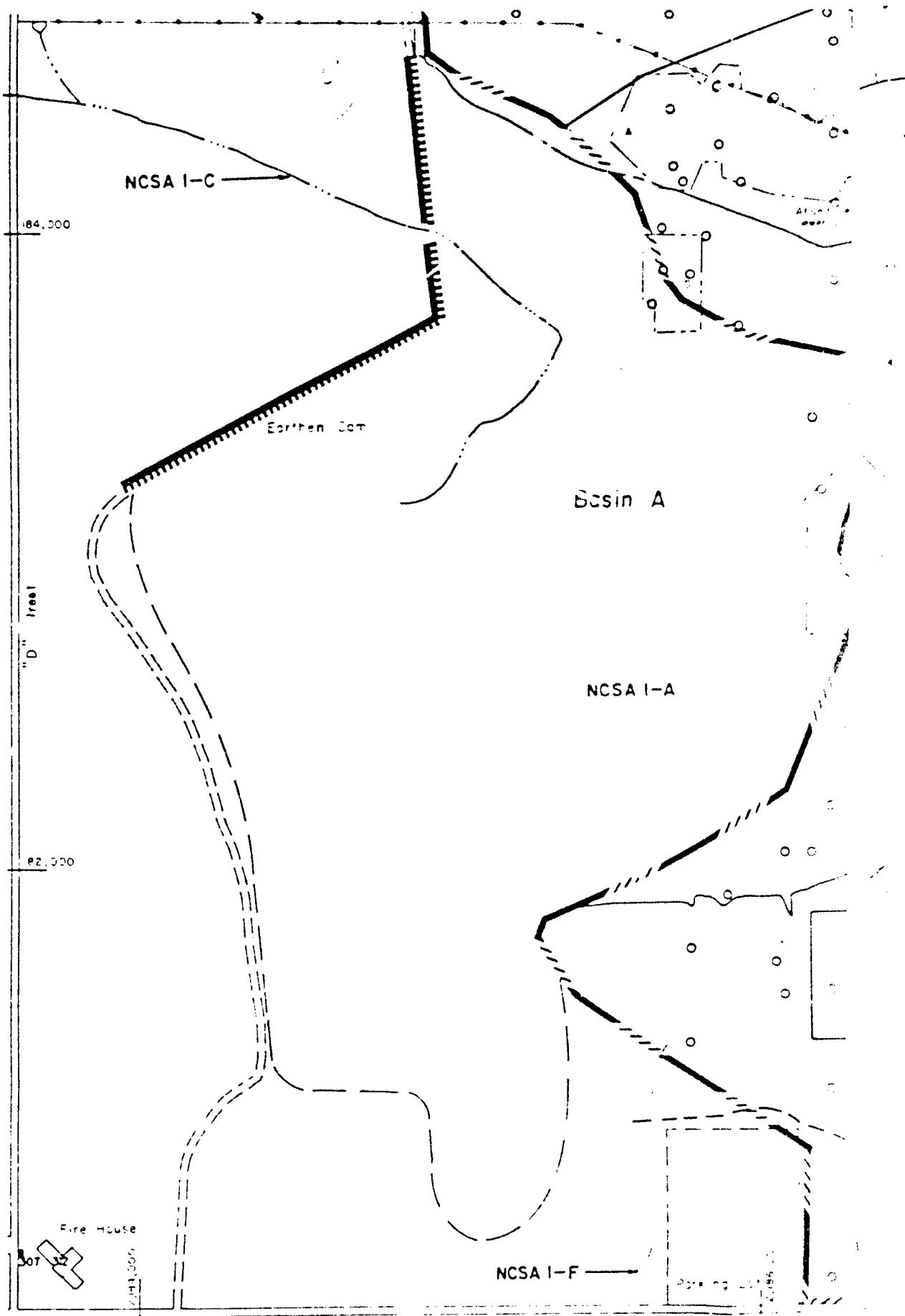


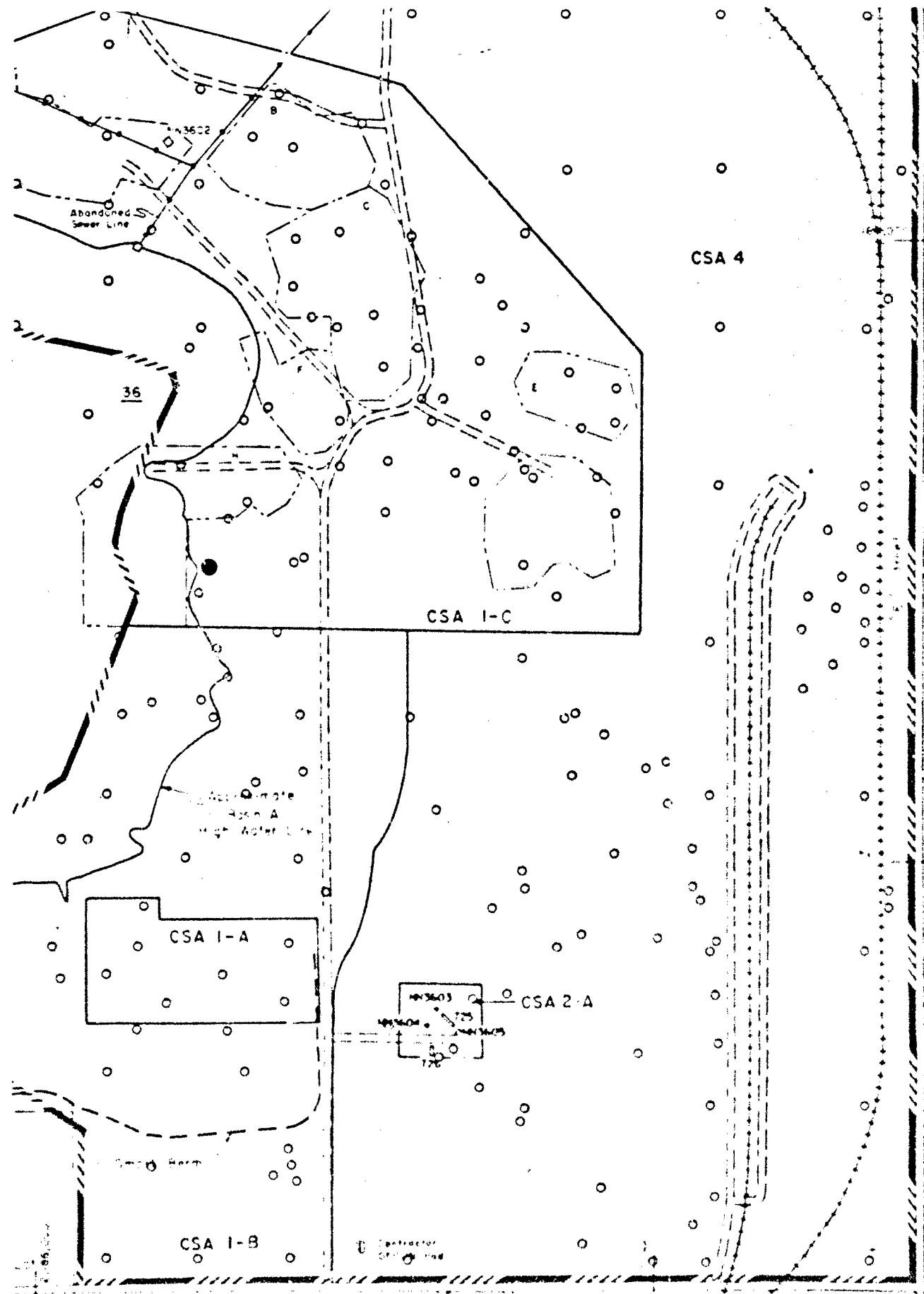
Legend

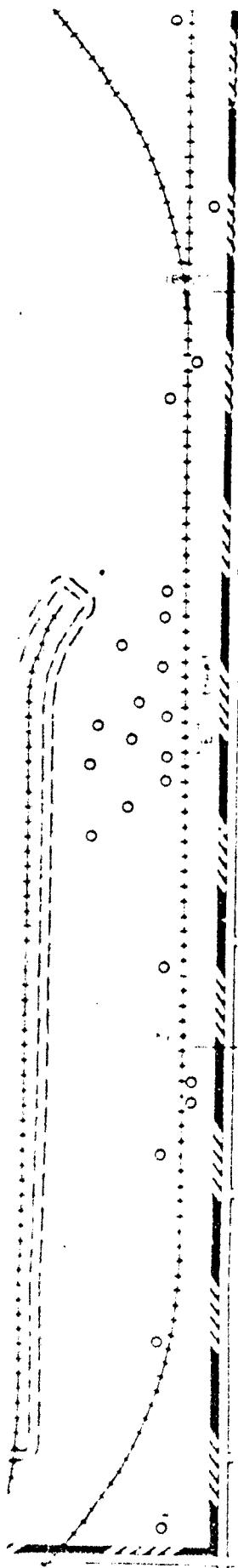
- |                               |                      |
|-------------------------------|----------------------|
| — Improved road               | — Unimproved road    |
| ~ Stream or ditch             | ○ Shore line         |
| 9                             | Section number       |
| 186.000 State plane grid      | □ Structure          |
| → Railroad tracks             | [ ] Former structure |
| — Central Study Area boundary | — Arsenal boundary   |
| CSA I-C Site boundary         | ---- Sanitary sewer  |
| — Geophysical anomaly         | — Chemical sewer     |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

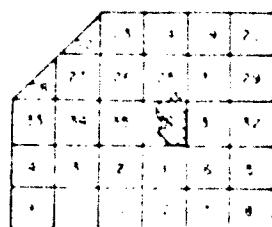
- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100





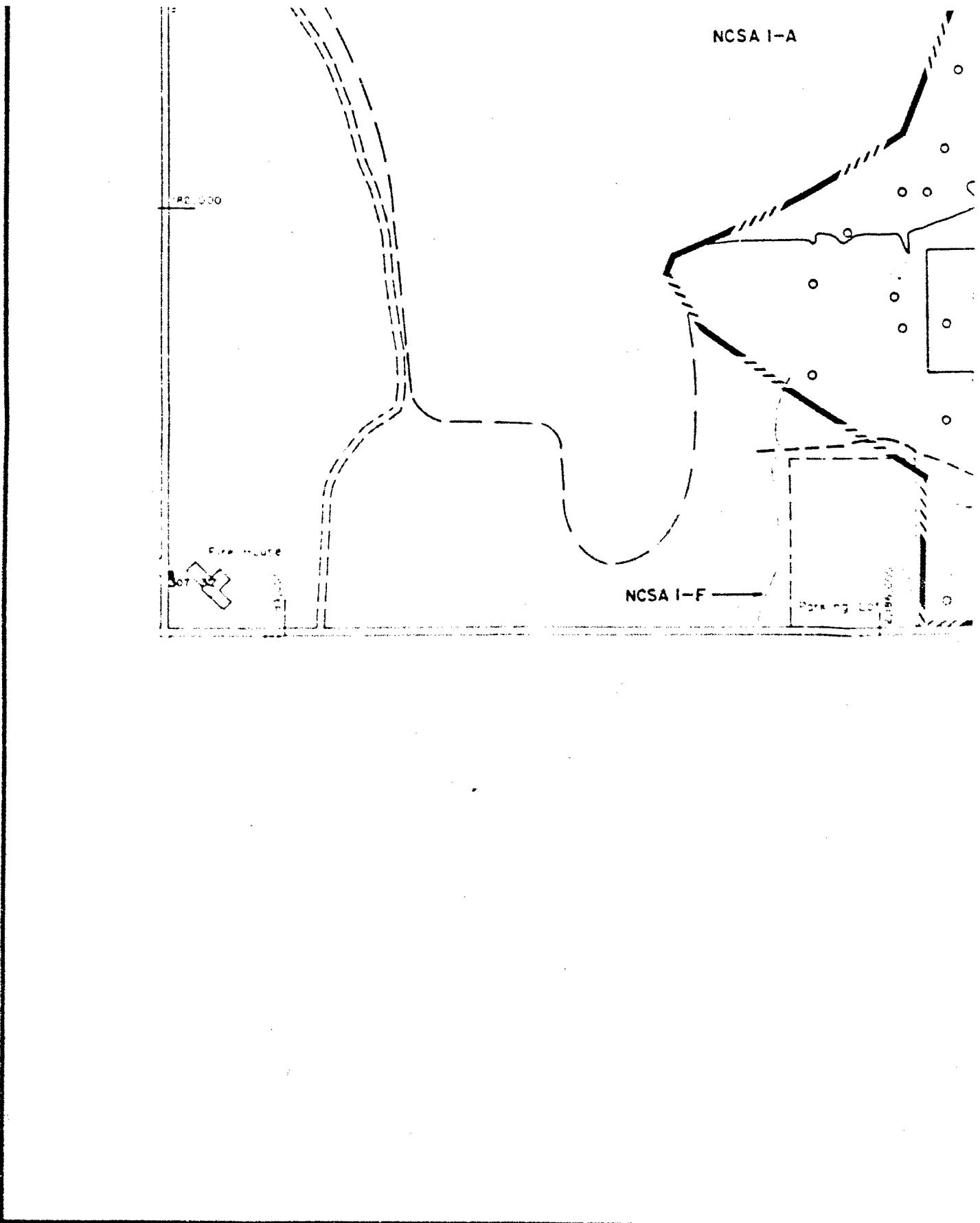


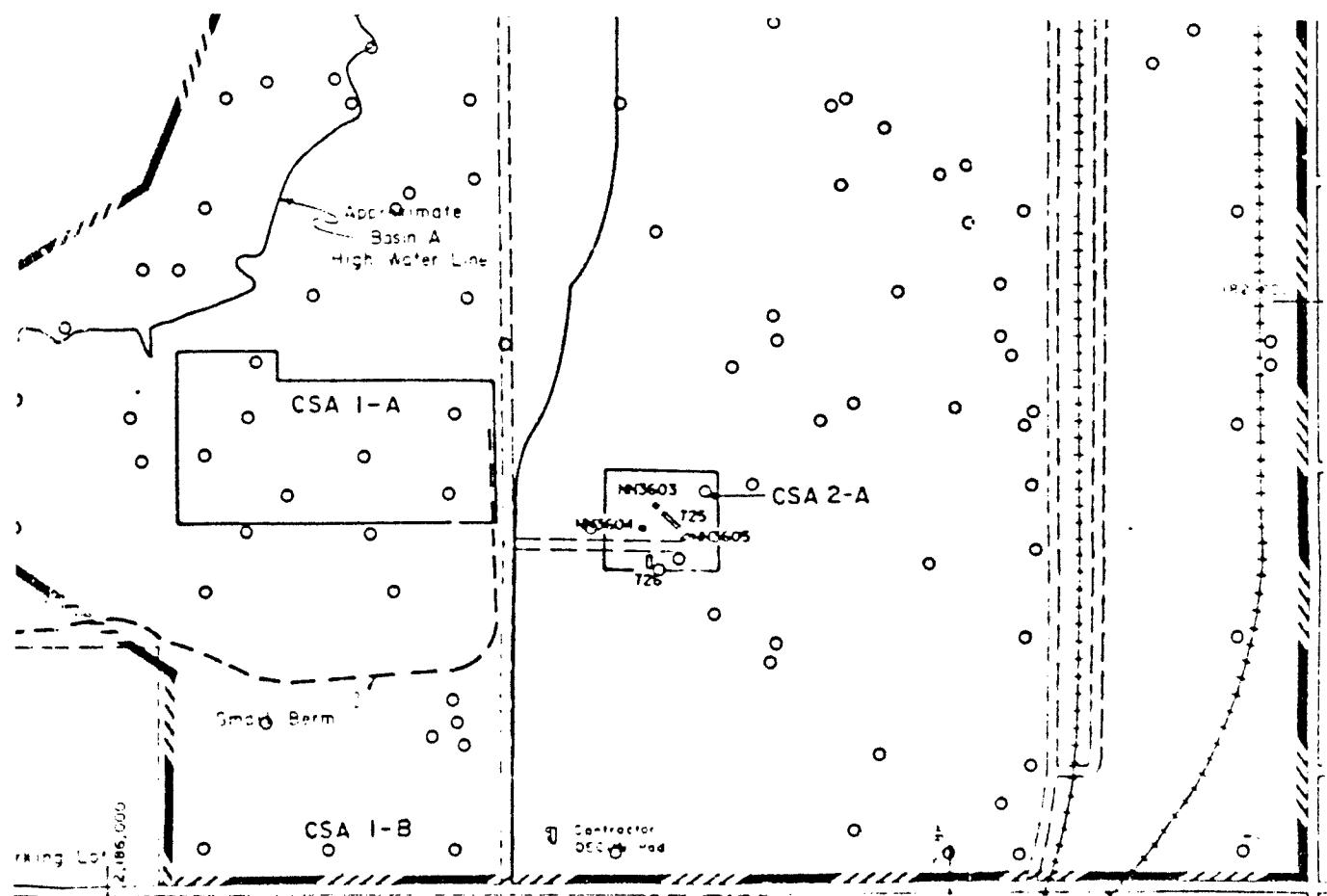
ROCKY MOUNTAIN ARSENAL  
LOCATION

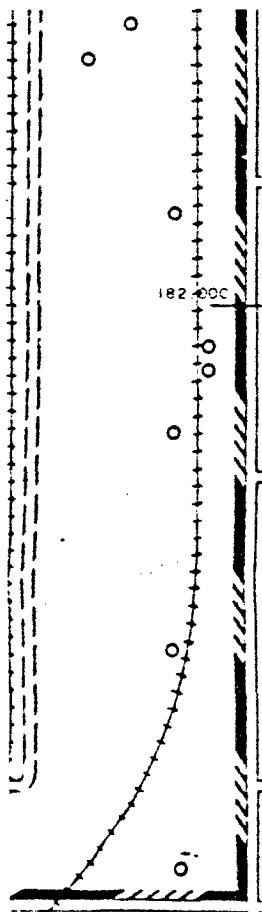


1" = 4 MILES





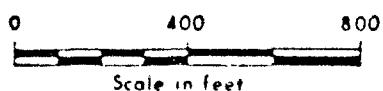
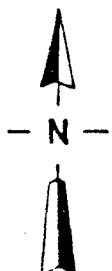




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 24 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



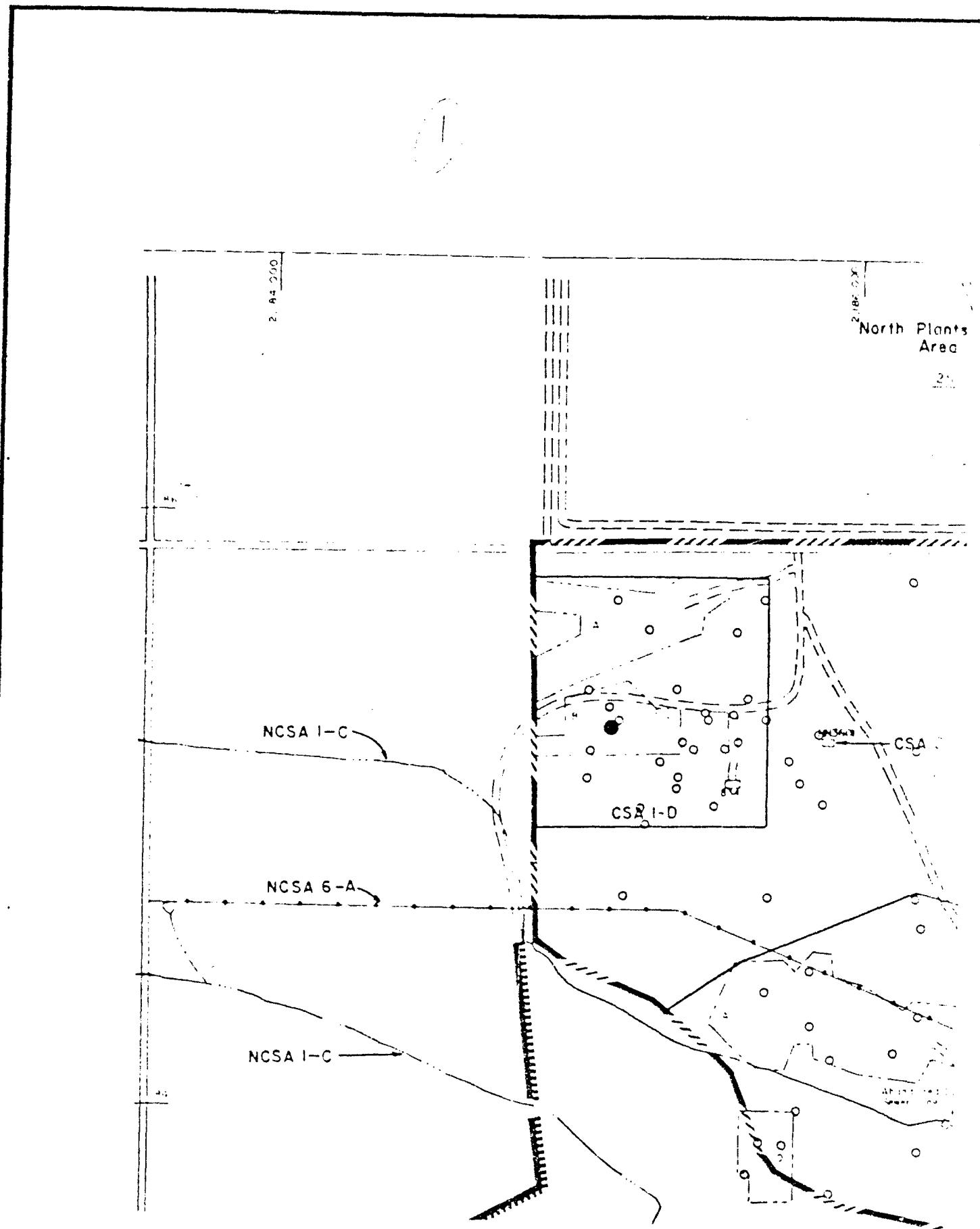
Prepared for:

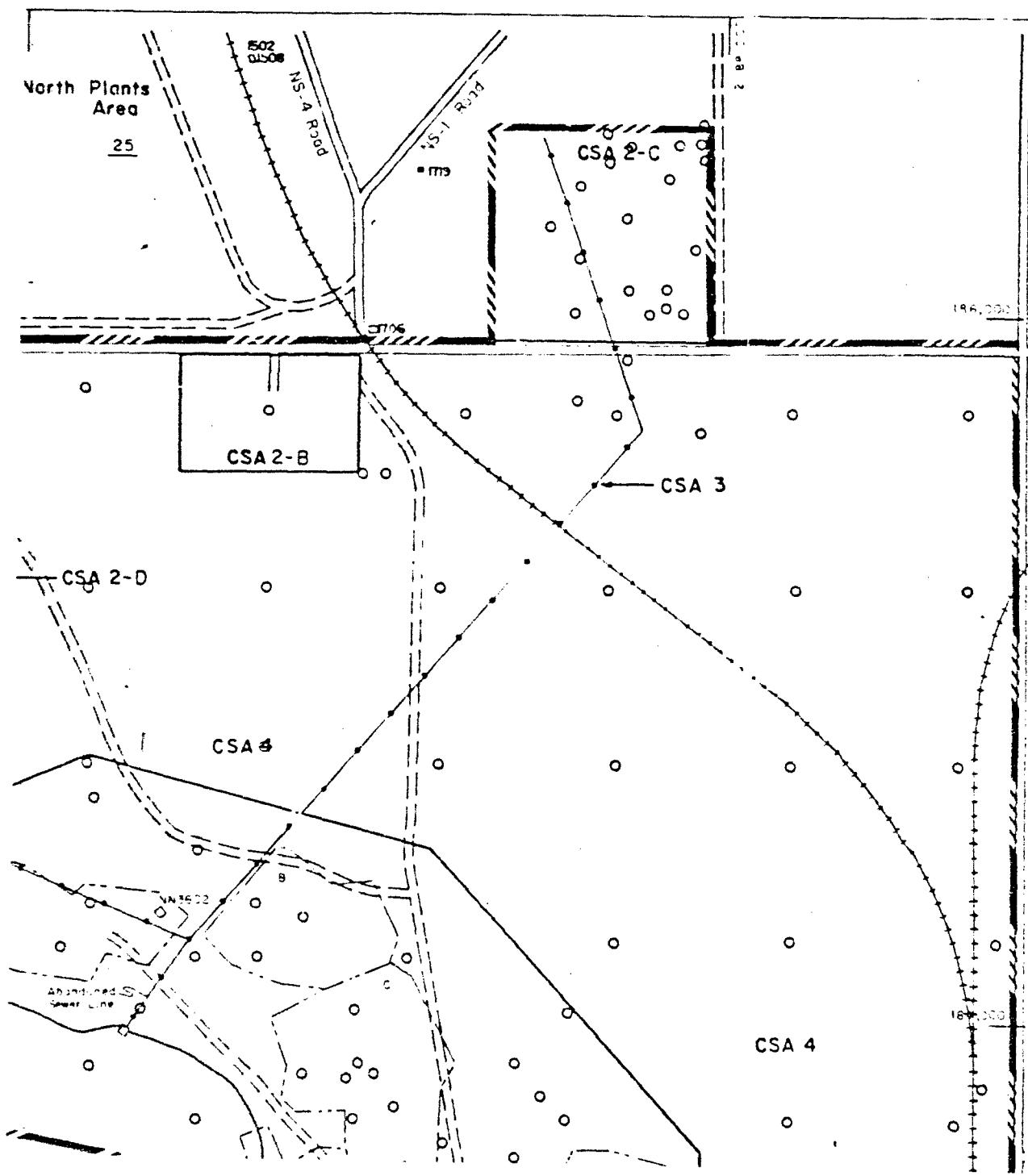
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

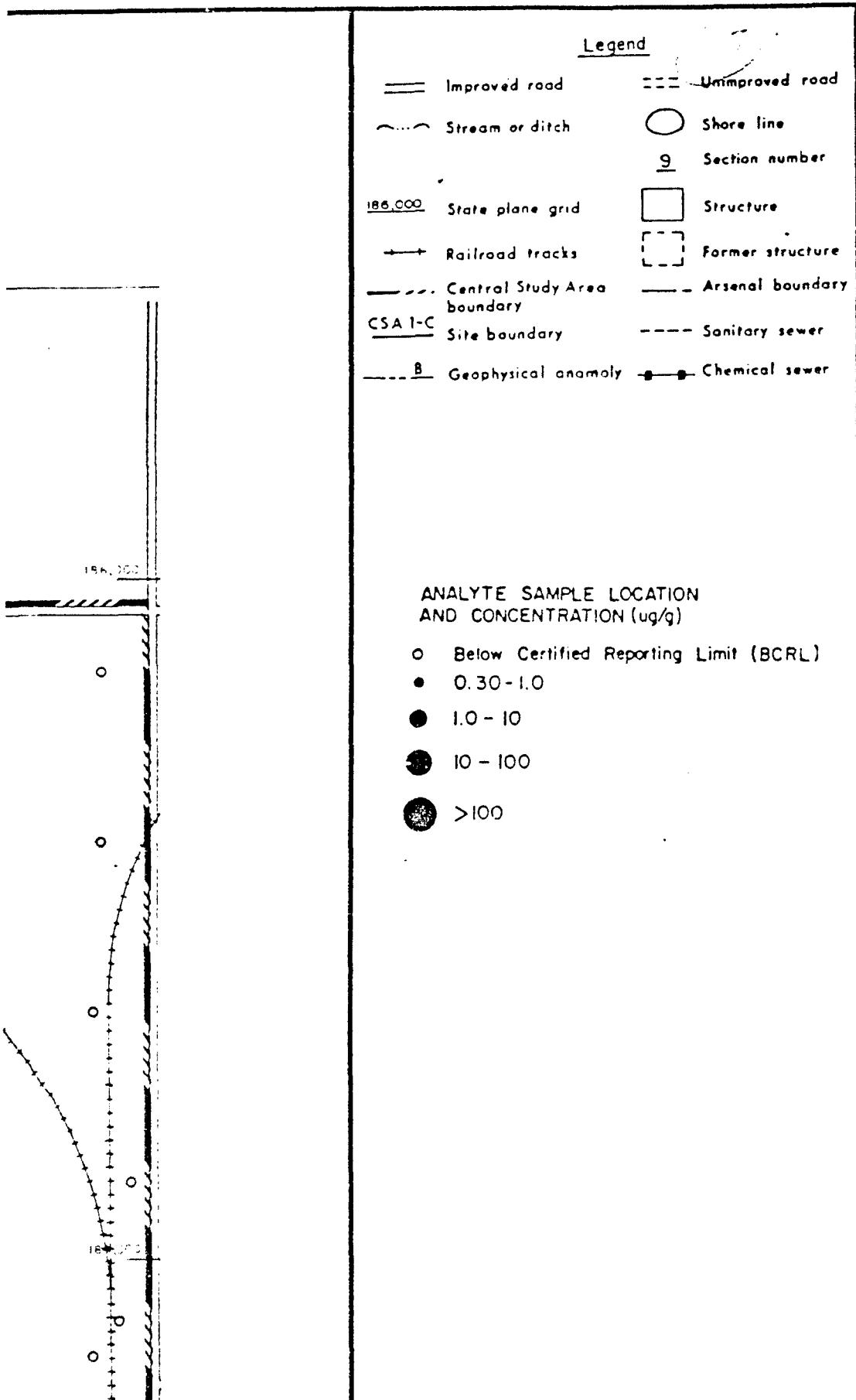
PLATE CSR 2.1-38

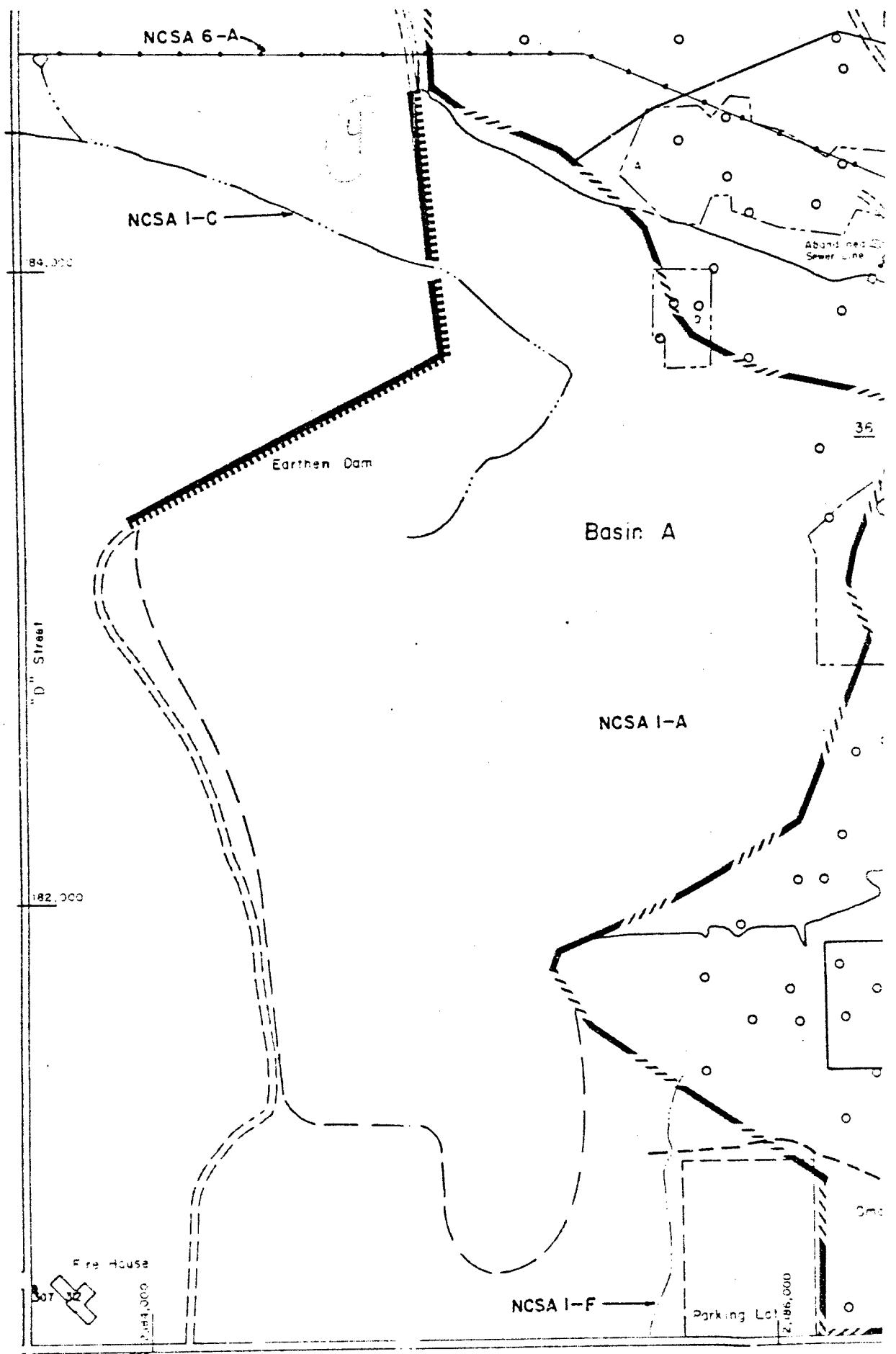
Polynuclear Aromatic Hydrocarbons  
in Soils in the 0-2 ft. Interval

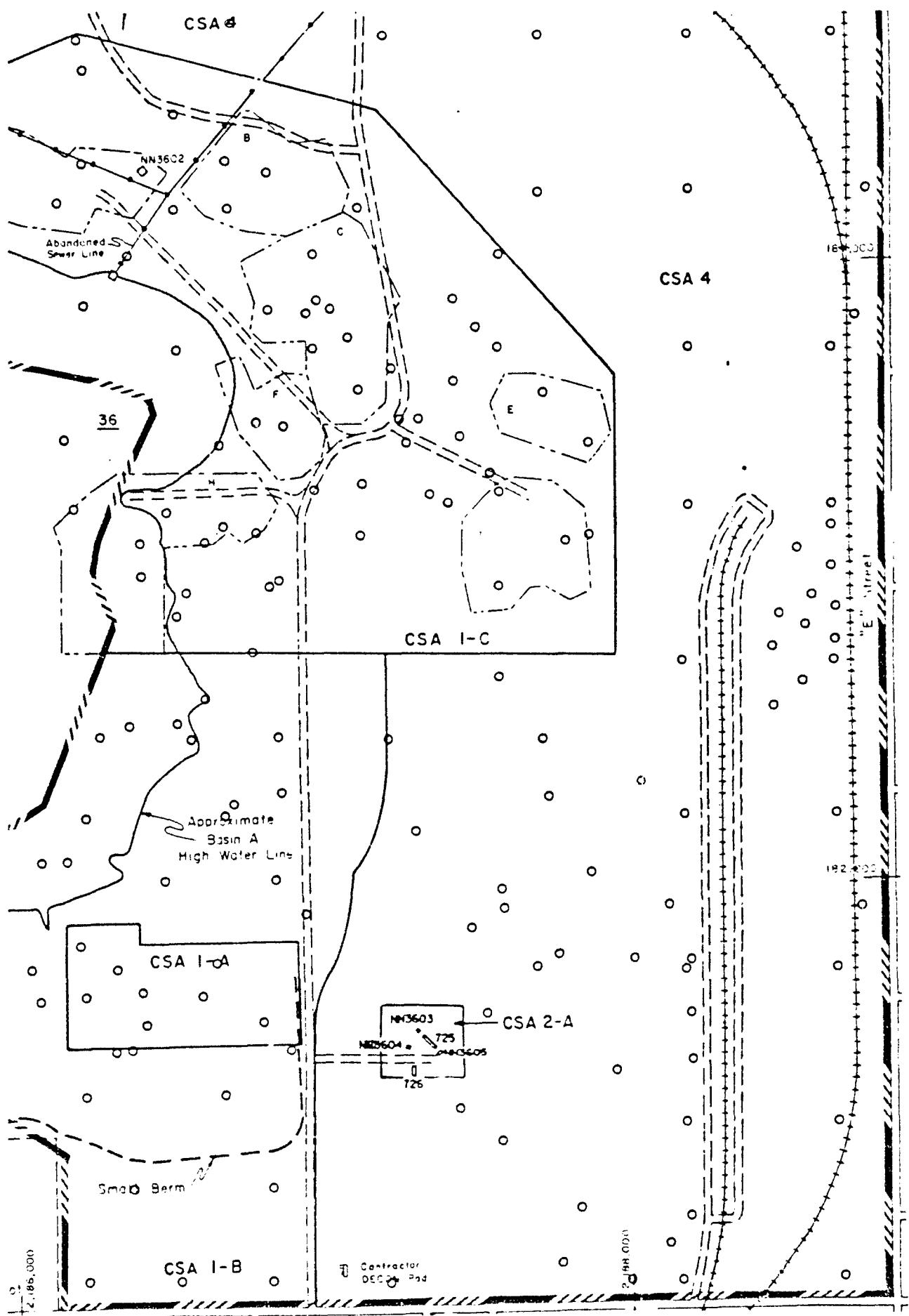
Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated

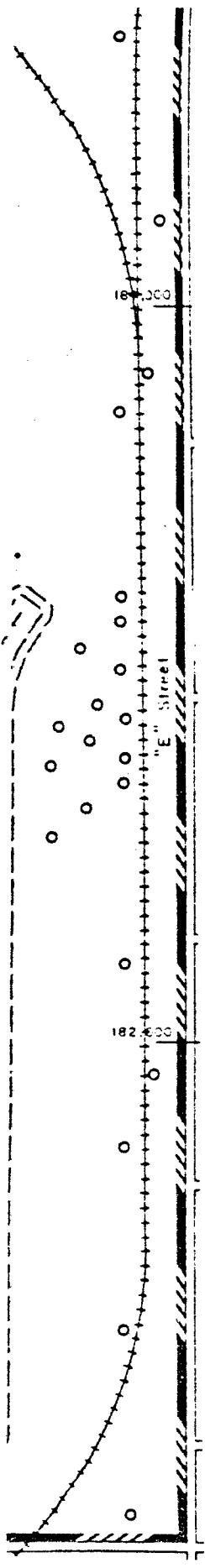










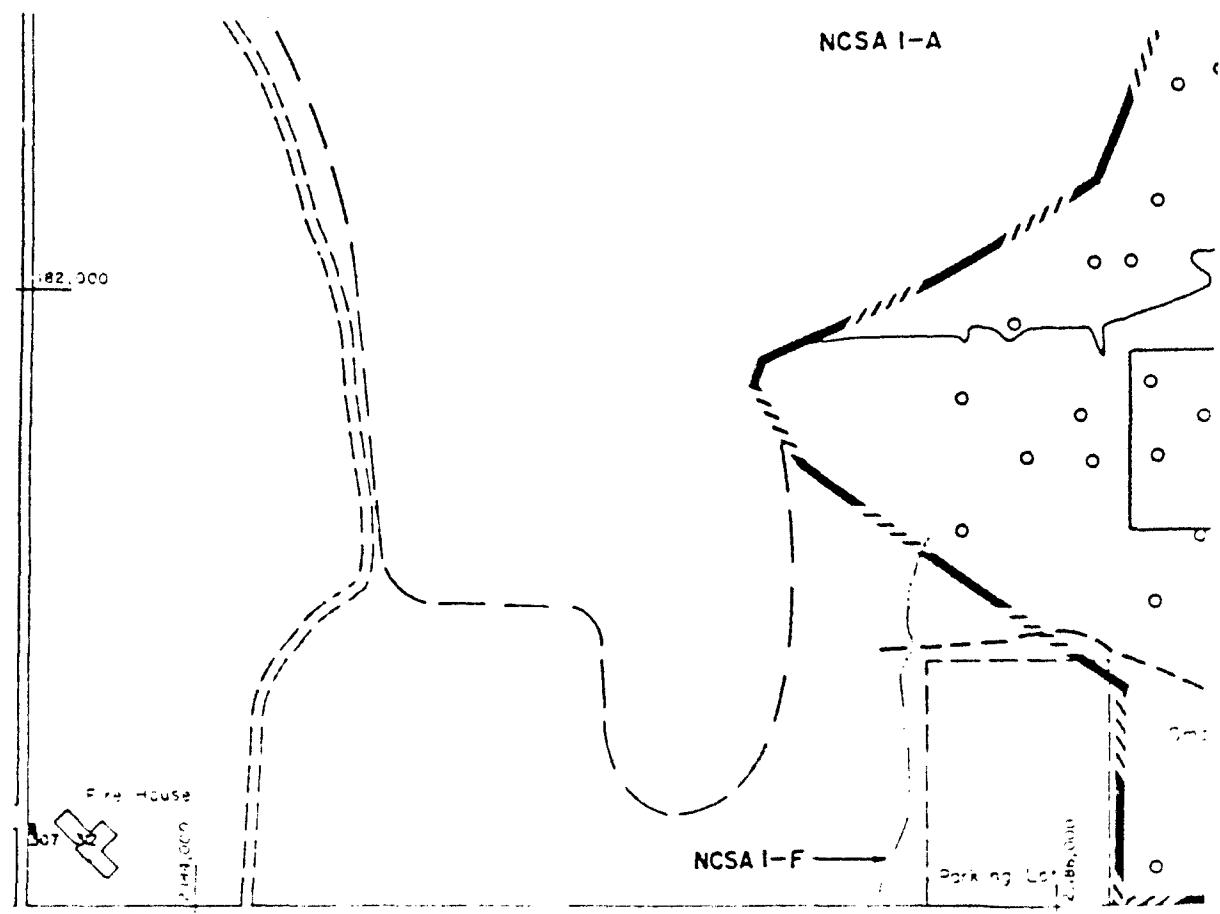


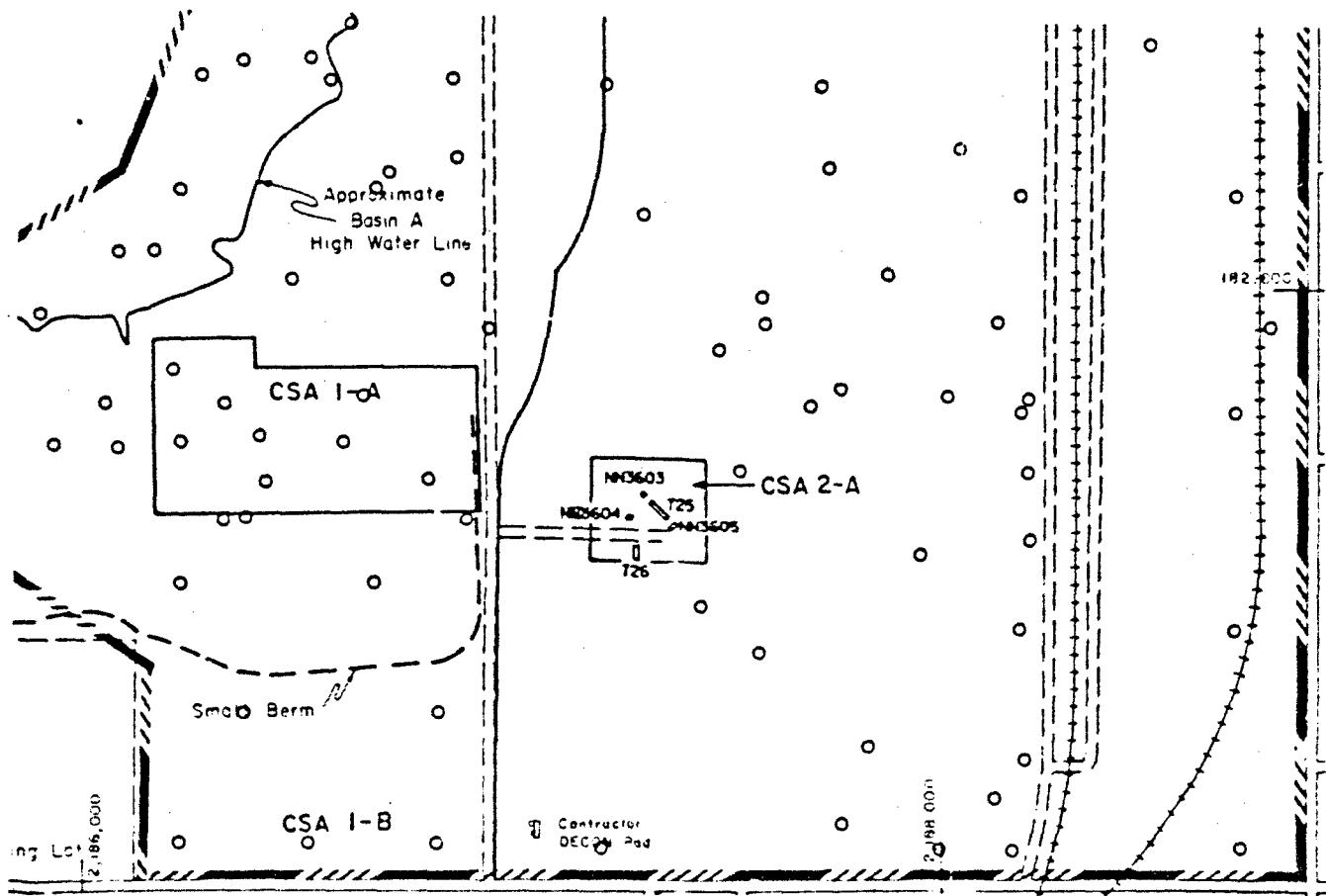
**ROCKY MOUNTAIN ARSENAL  
LOCATION**

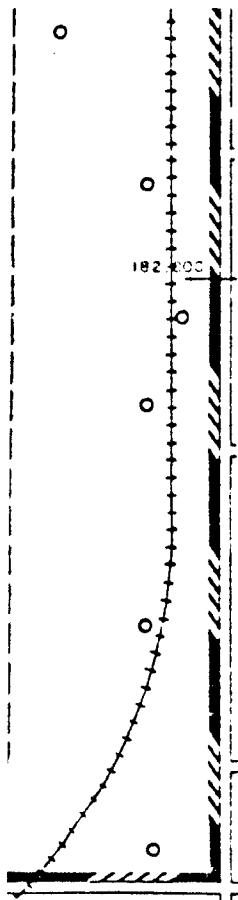
|    |    |    |    |    |    |
|----|----|----|----|----|----|
|    | 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 25 | 25 | 30 | 29 |
| 33 | 34 | 35 | 25 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  | 5  |
| 9  |    | 11 | 12 | 7  | 8  |

1" = 4 MILES





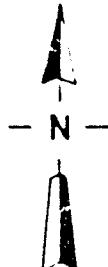




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 25 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 2  | 7  | 8  |

1" = 4 MILES



0            400            800  
Scale in feet

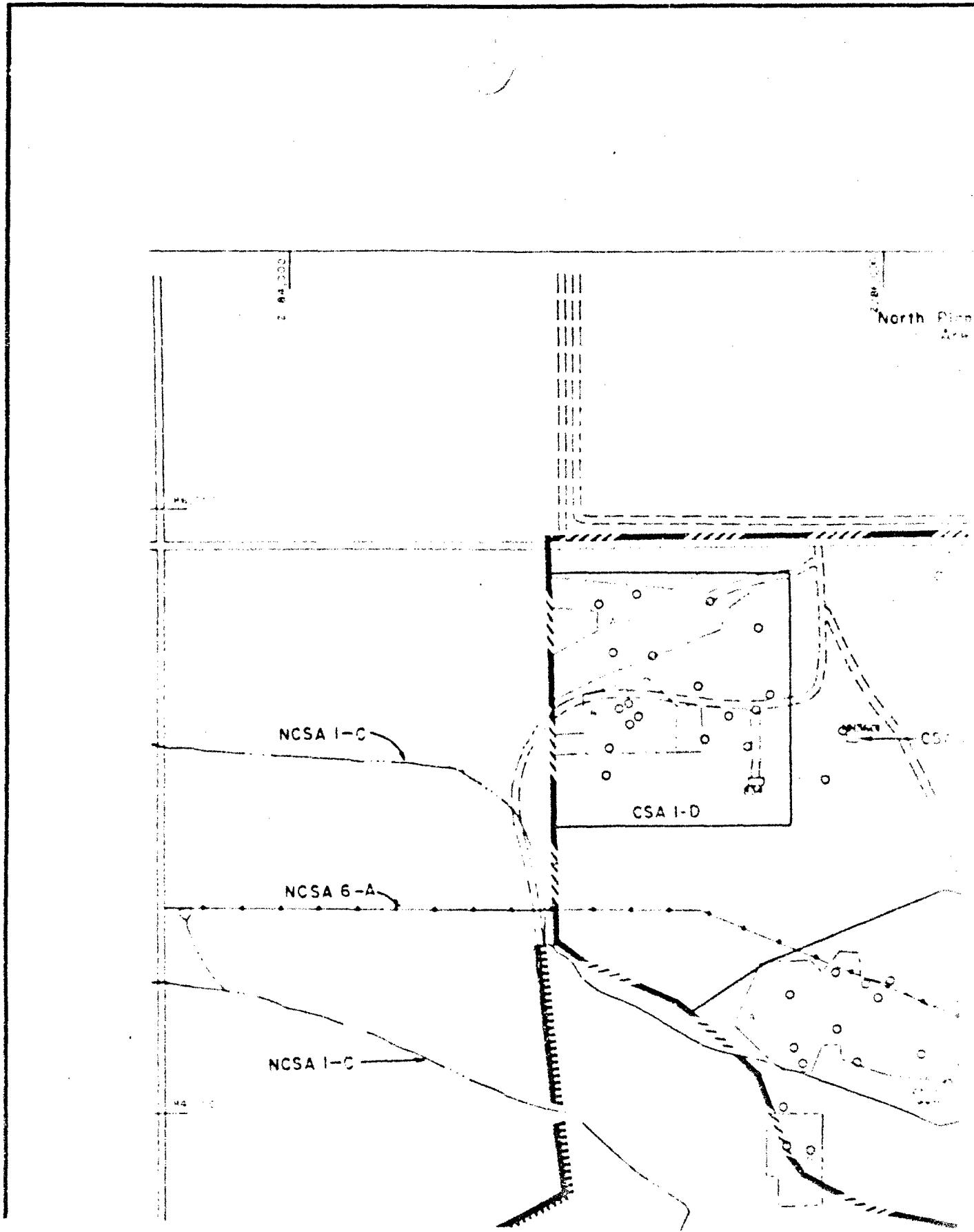
Prepared for:

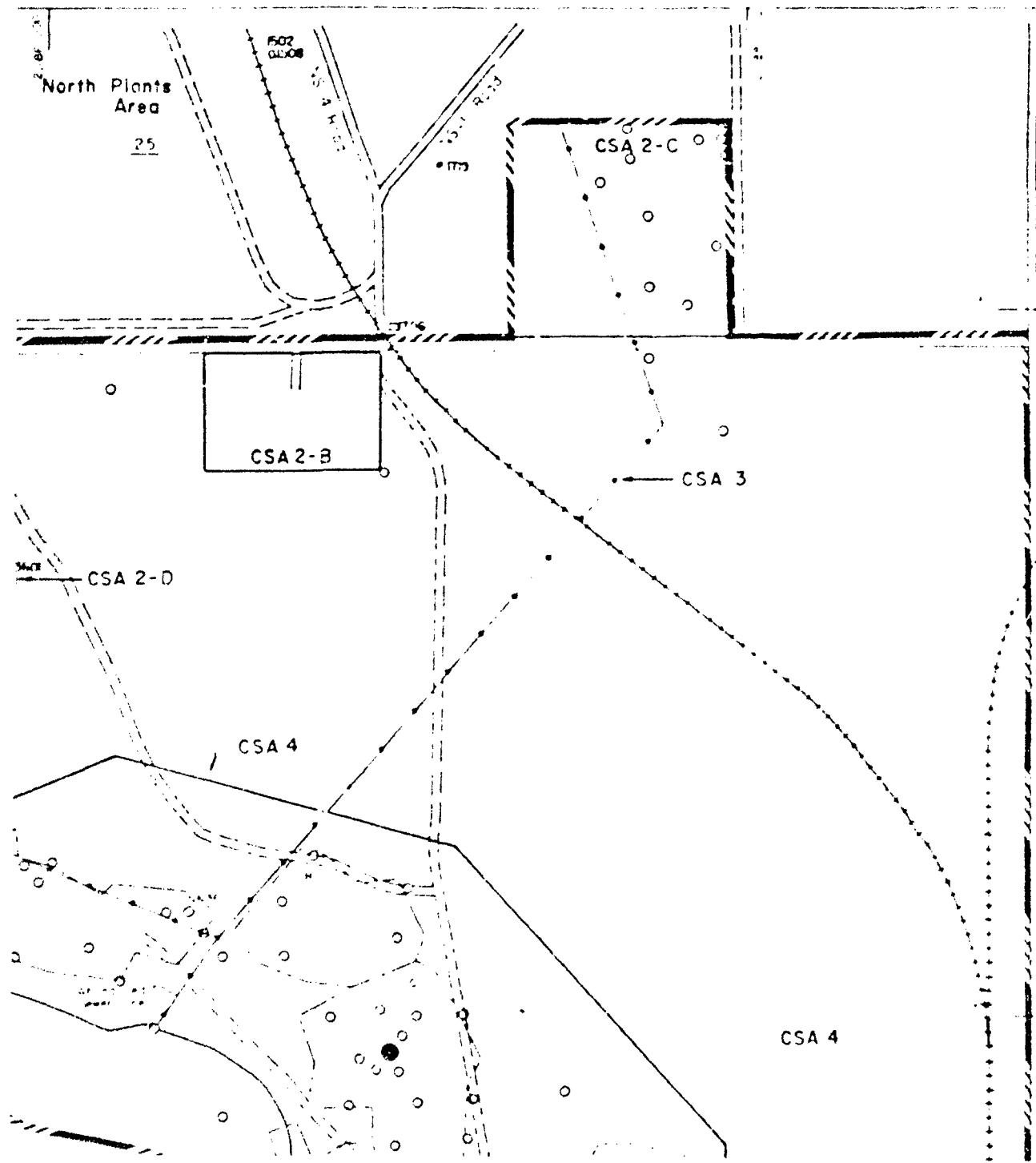
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE      CSR 21-39

Polynuclear Aromatic Hydrocarbons  
in Soils in the 2 - 5 ft Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



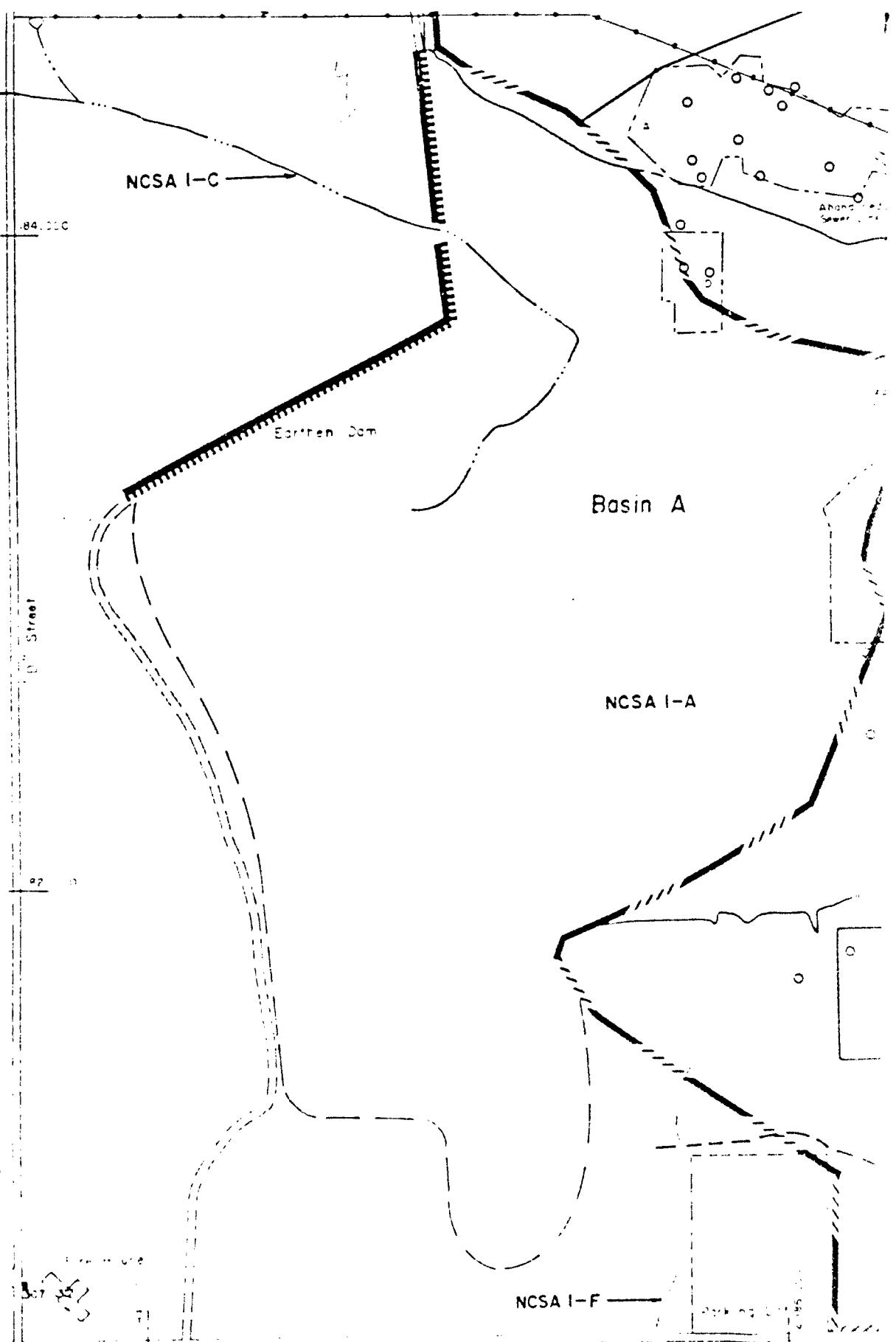


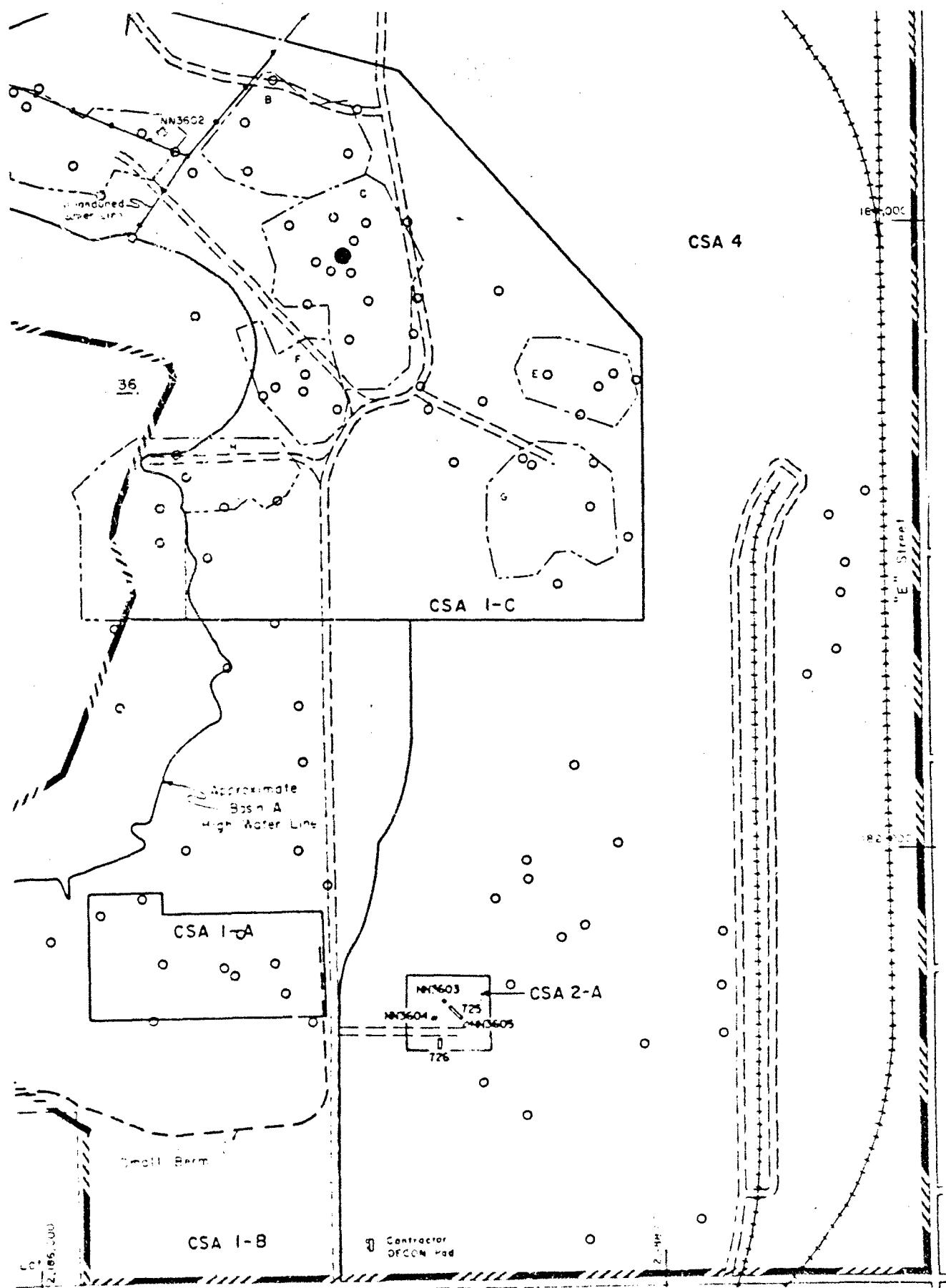
Legend

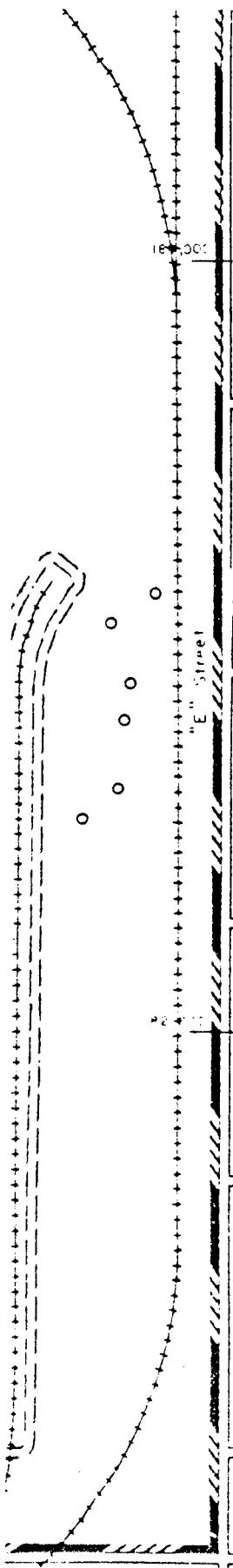
|                                          |                               |
|------------------------------------------|-------------------------------|
| <u>=====</u> Improved road               | <u>====</u> Unimproved road   |
| <u>~ ~ ~</u> Stream or ditch             | <u>○</u> Shore line           |
| <u>9</u>                                 | <u>Section number</u>         |
| <u>186.000</u> State plane grid          | <u>□</u> Structure            |
| <u>→ →</u> Railroad tracks               | <u>[ ]</u> Former structure   |
| <u>— — —</u> Central Study Area boundary | <u>— —</u> Arsenal boundary   |
| <u>CSA I-C</u> Site boundary             | <u>-----</u> Sanitary sewer   |
| <u>— — — B</u> Geophysical anomaly       | <u>— — — C</u> Chemical sewer |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100





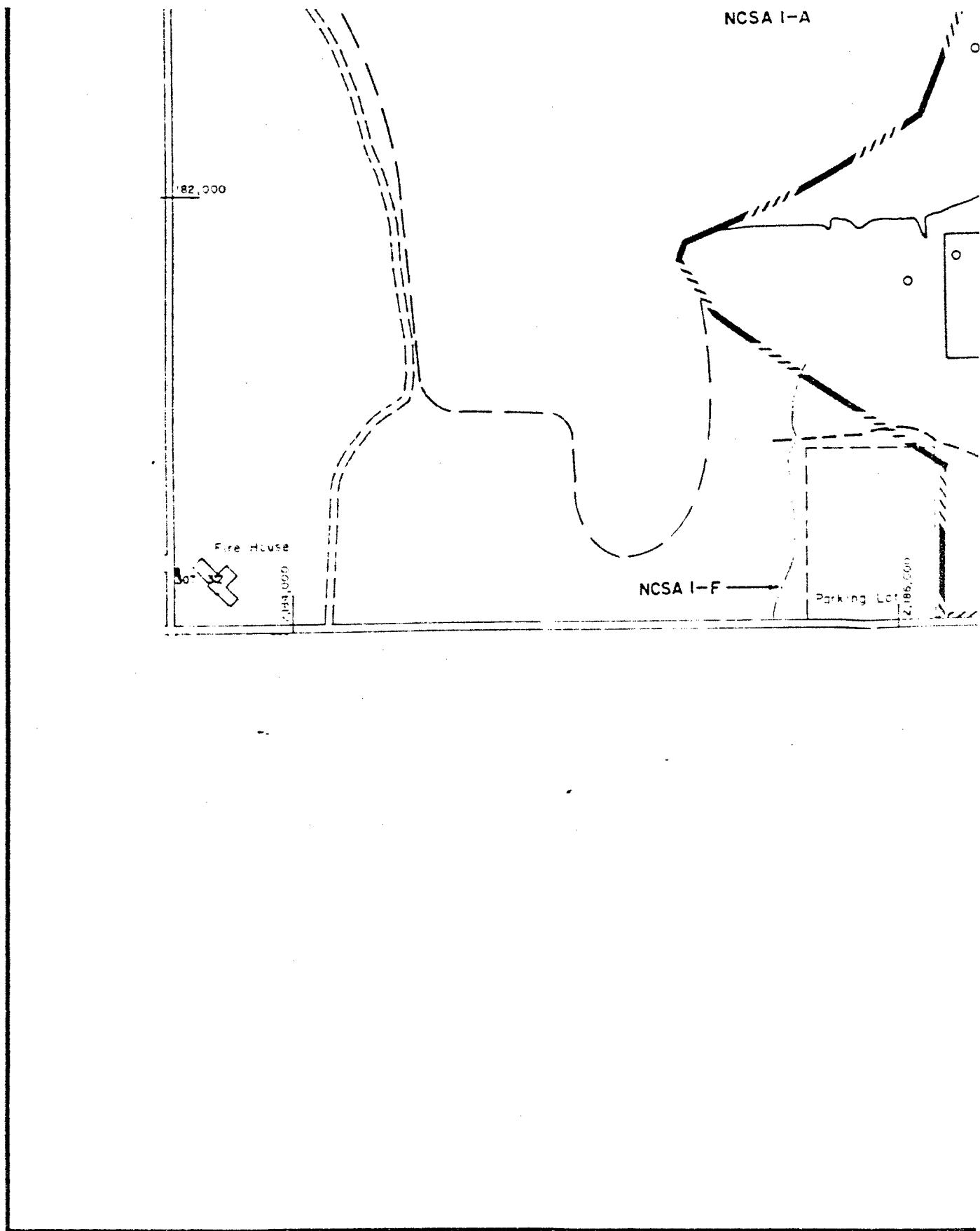


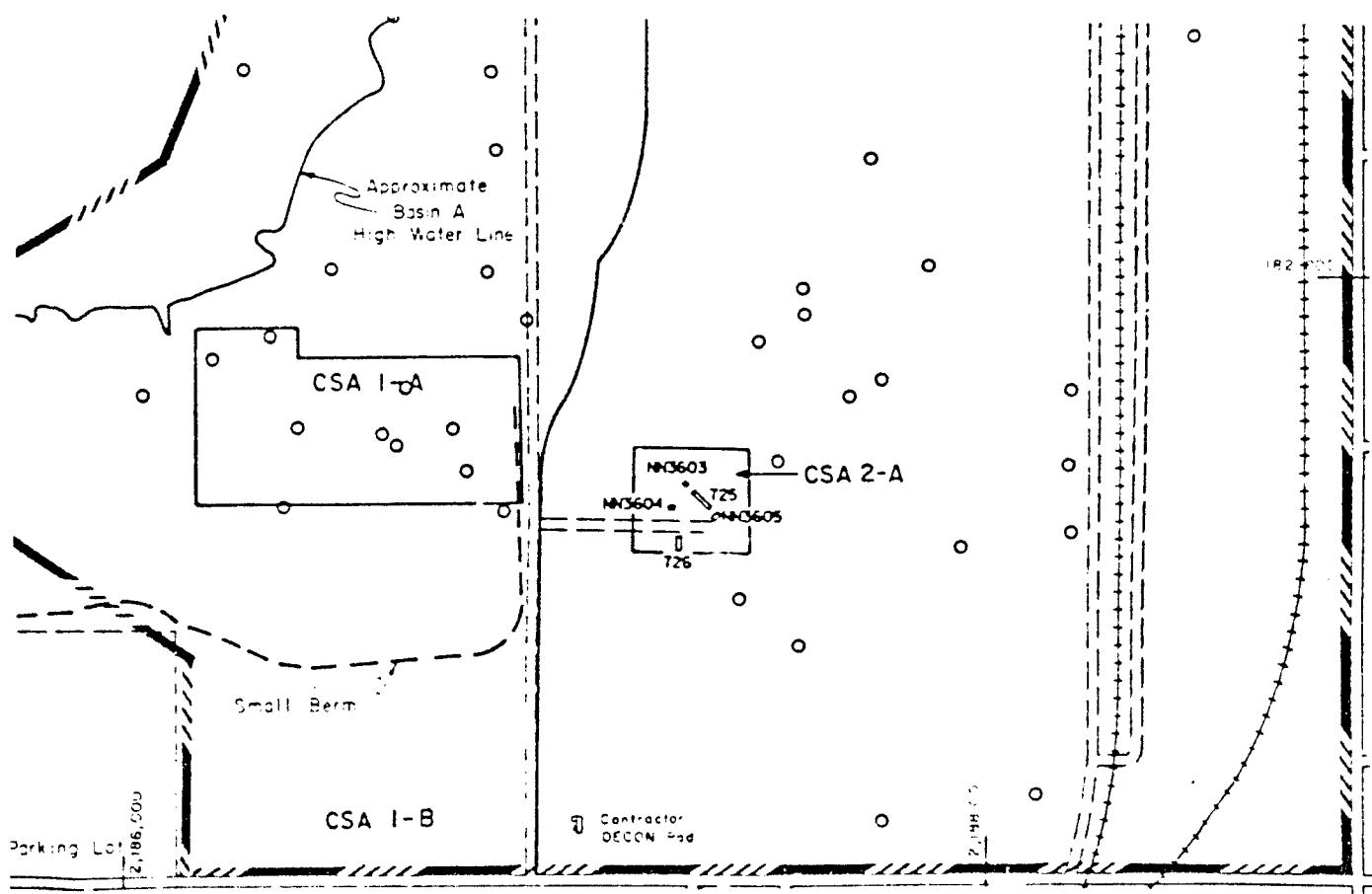
ROCKY MOUNTAIN ARSENAL  
LOCATION

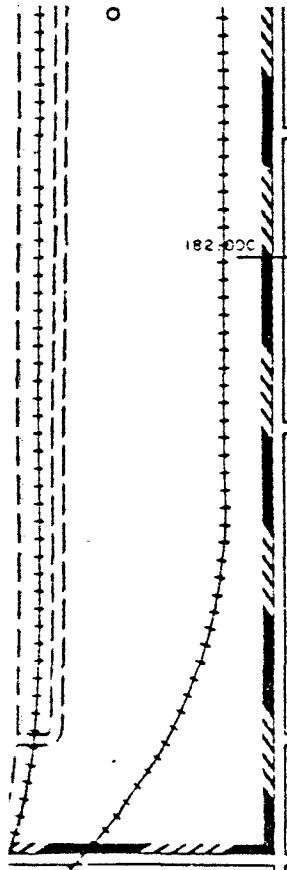
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 29 | 27 | 25 | 25 | 30 |
| 33 | 34 | 35 | 35 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 7  |    |    | 7  | 8  |

1" = 4 MILES





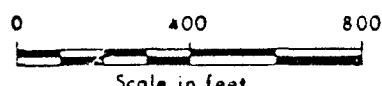
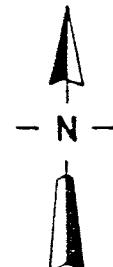




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 31 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 11 | 12 | 7  |

1" = 4 MILES



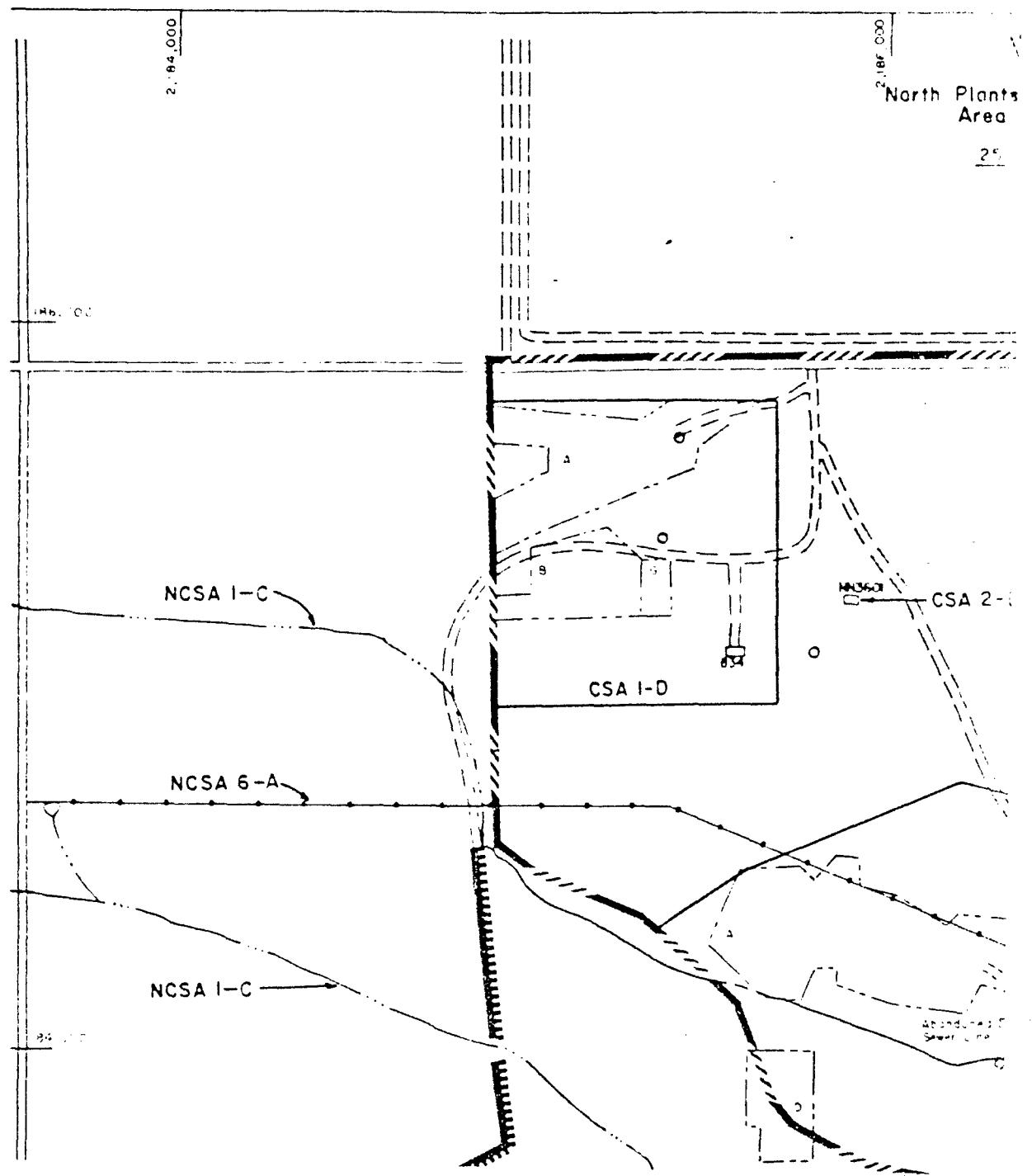
Prepared for:

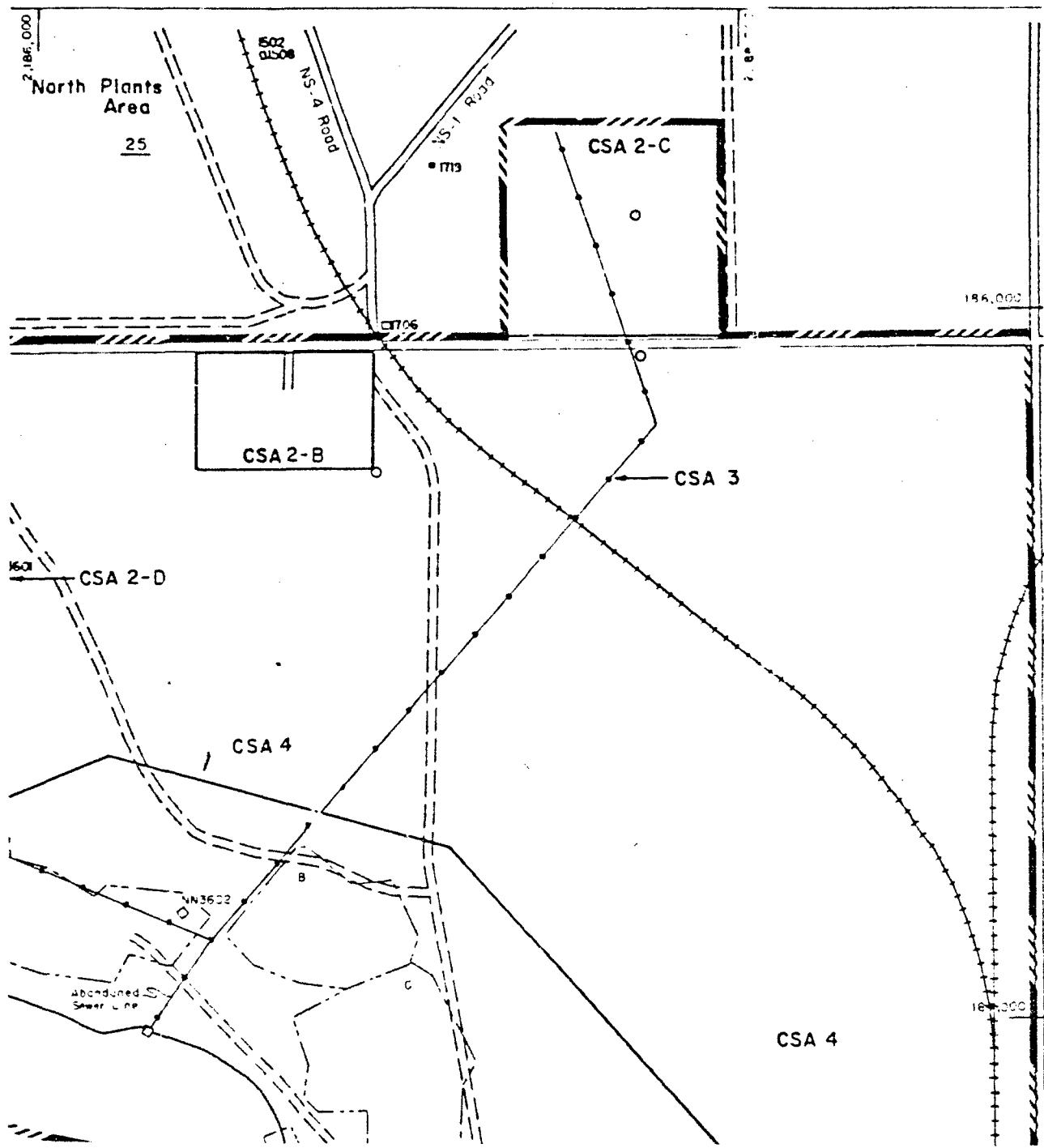
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSR 2.1-40

Polynuclear Aromatic Hydrocarbons  
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated



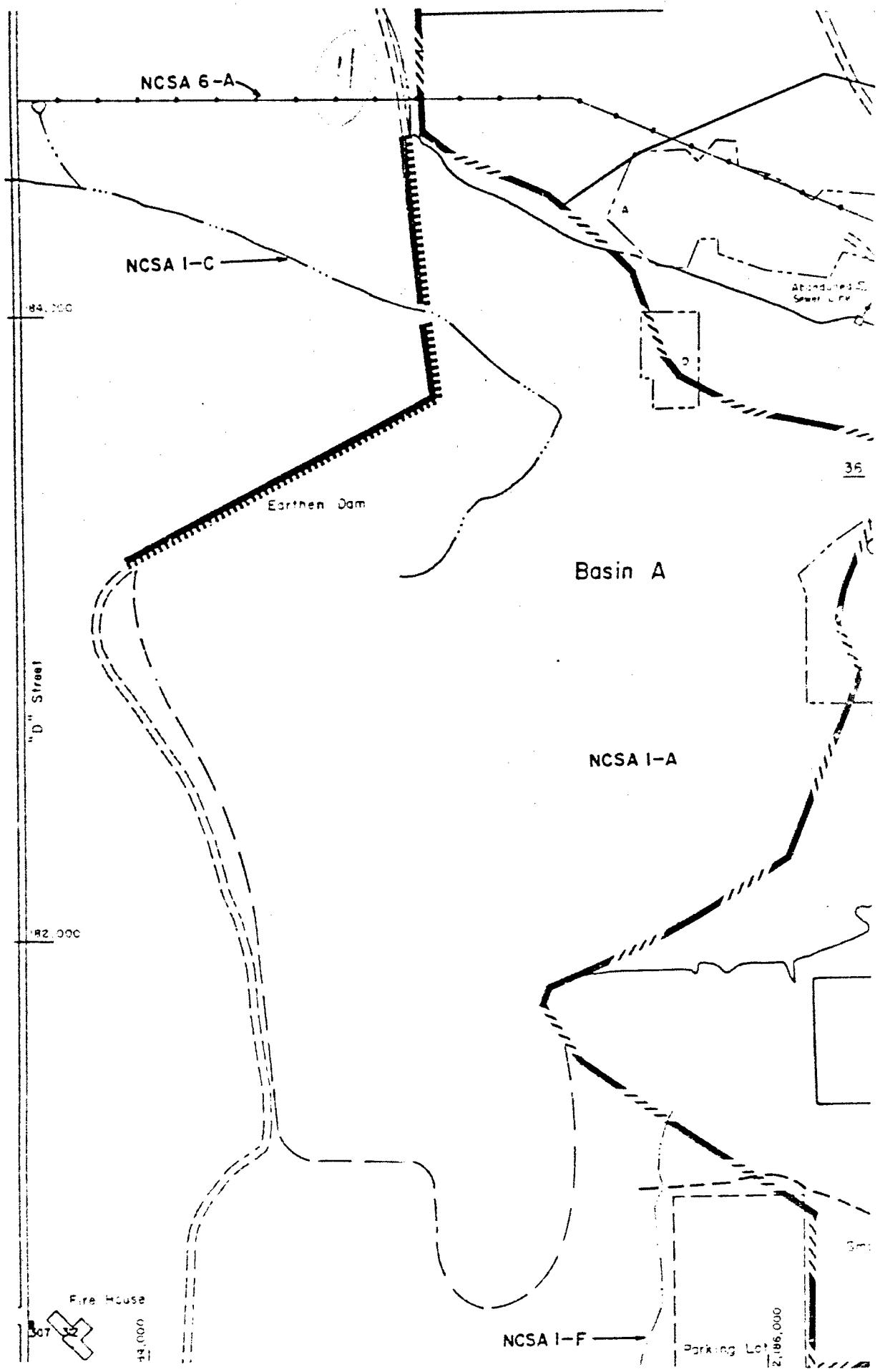


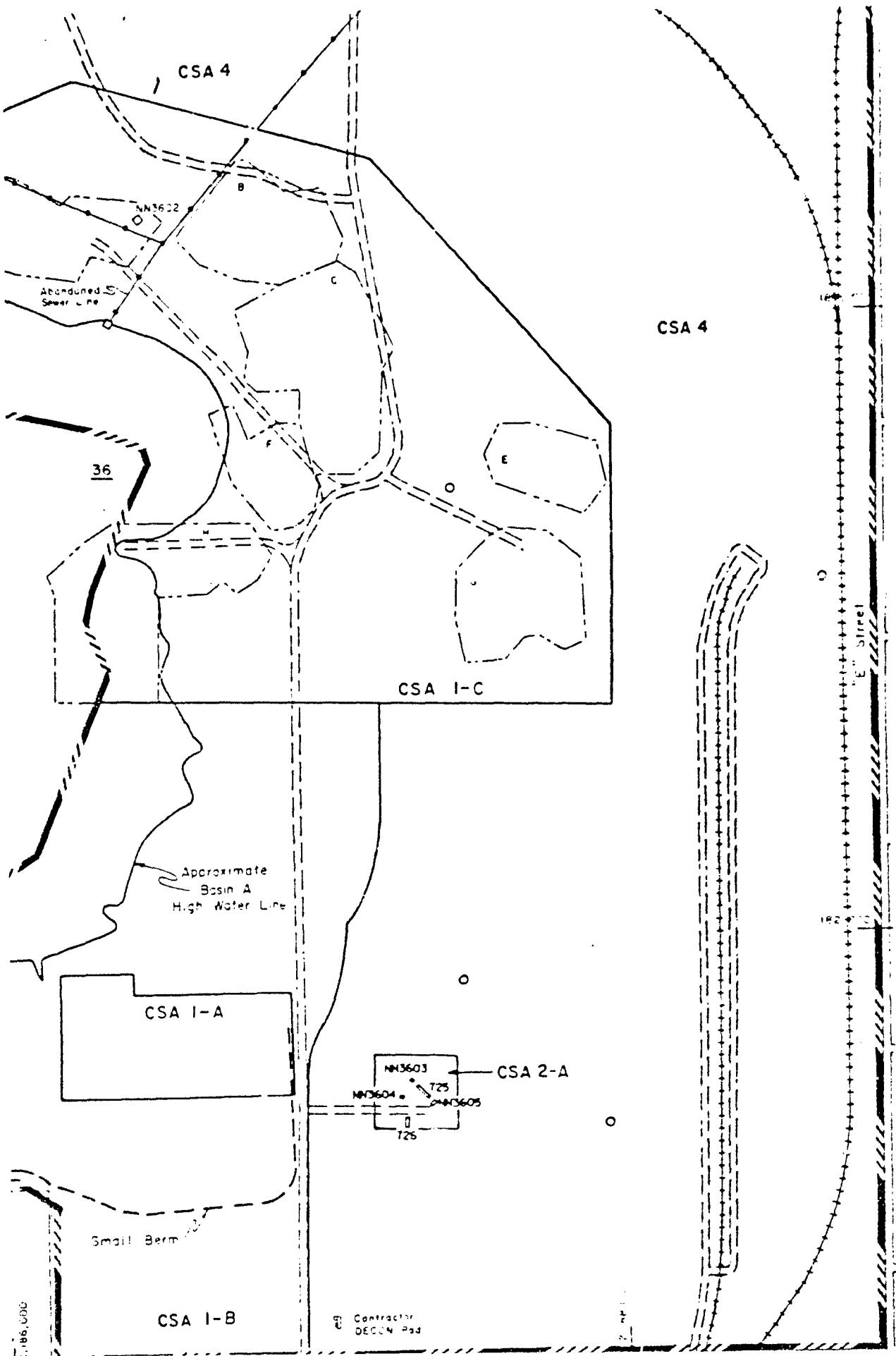
Legend

|                                     |                             |                            |                  |
|-------------------------------------|-----------------------------|----------------------------|------------------|
| <u>—</u> <u>—</u>                   | Improved road               | <u>—</u> <u>—</u>          | Unimproved road  |
| <u>~</u> <u>~</u> <u>~</u>          | Stream or ditch             | <u>○</u>                   | Shore line       |
| <u>—</u> <u>—</u> <u>—</u>          |                             | <u>9</u>                   | Section number   |
| <u>186,000</u>                      | State plane grid            | <u>□</u>                   | Structure        |
| <u>→</u> <u>→</u>                   | Railroad tracks             | <u>[ ]</u>                 | Former structure |
| <u>—</u> <u>—</u> <u>—</u>          | Central Study Area boundary | <u>—</u> <u>—</u>          | Arsenal boundary |
| <u>CSA I-C</u>                      | Site boundary               | <u>-----</u>               | Sanitary sewer   |
| <u>—</u> <u>—</u> <u>—</u> <u>B</u> | Geophysical anomaly         | <u>—</u> <u>—</u> <u>●</u> | Chemical sewer   |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.30 - 1.0
- 1.0 - 10
- 10 - 100
- >100



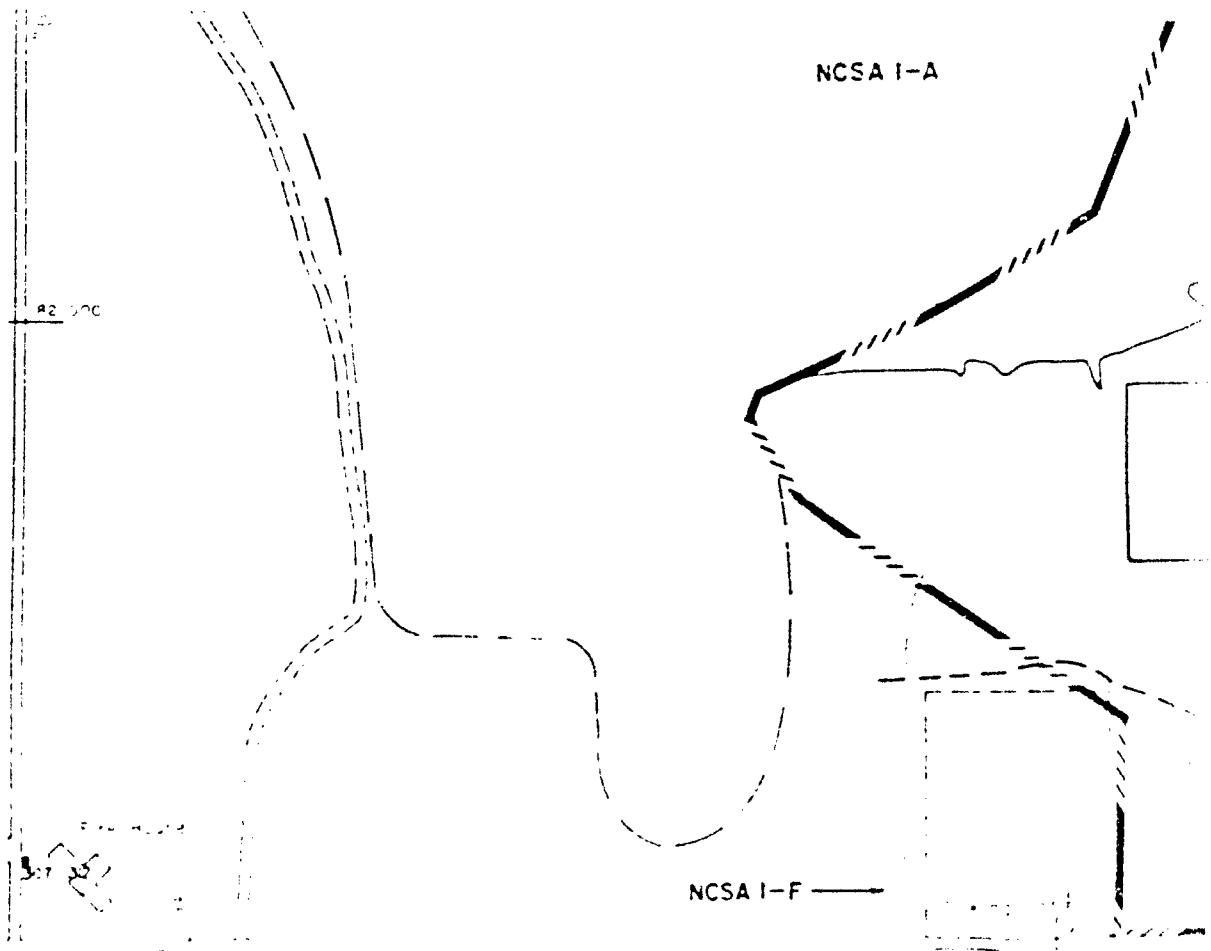


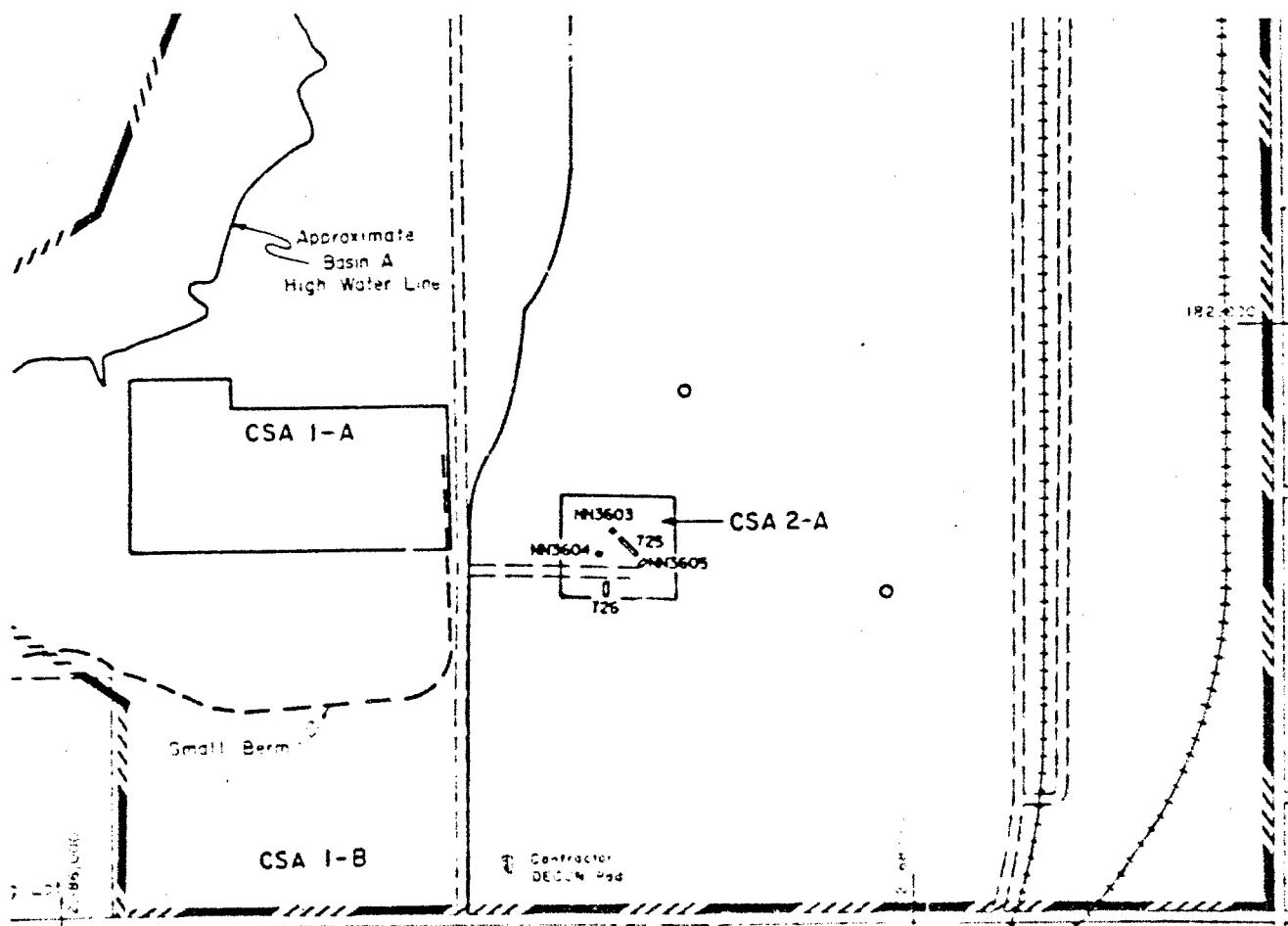
ROCKY MOUNTAIN ARSENAL  
LOCATION

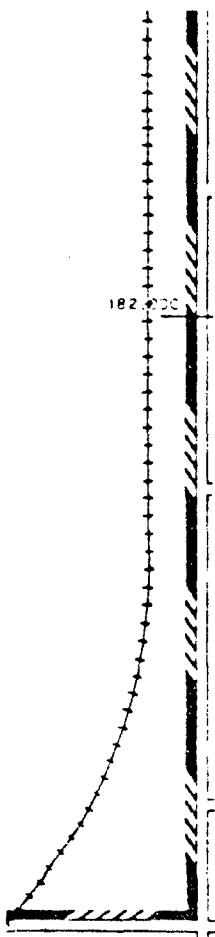


1" = 4 MILES





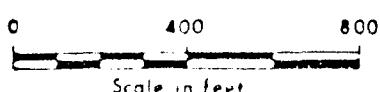
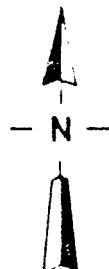




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 25 | 26 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | 2  | 7  | 8  |

1" = 4 MILES



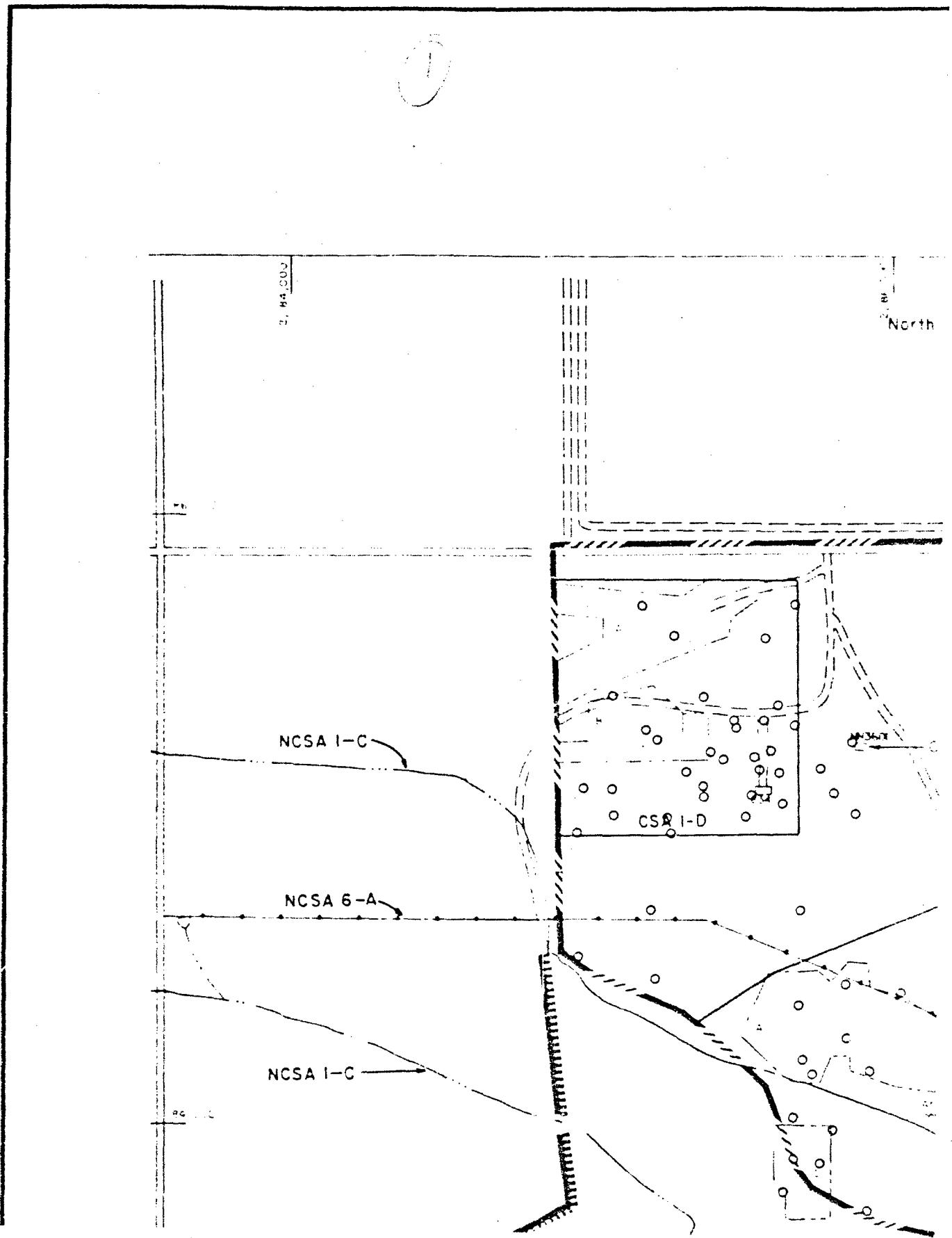
Prepared for:

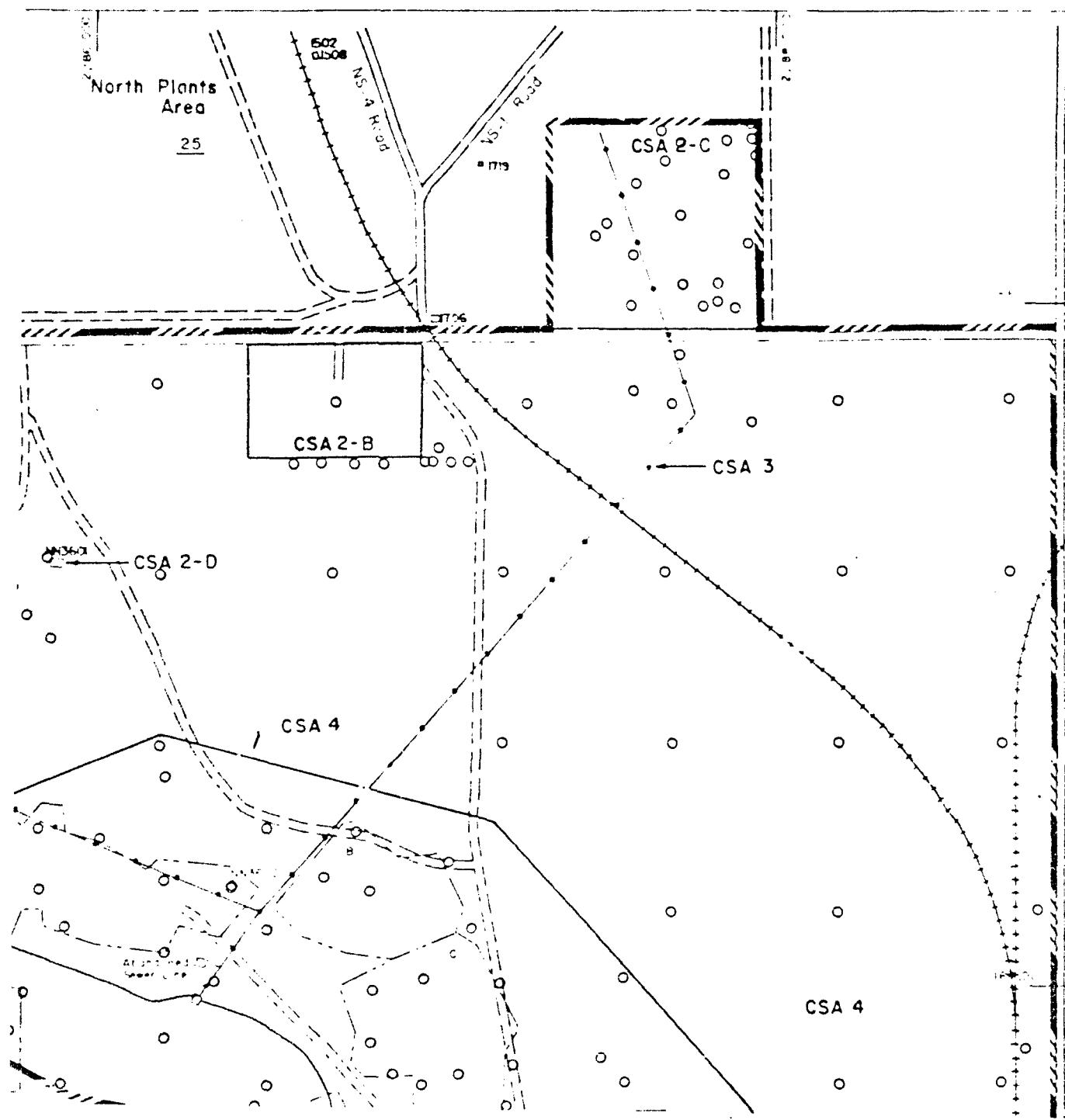
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSR 2.1-41

Polynuclear Aromatic Hydrocarbons  
in Soils in the > 20 ft Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



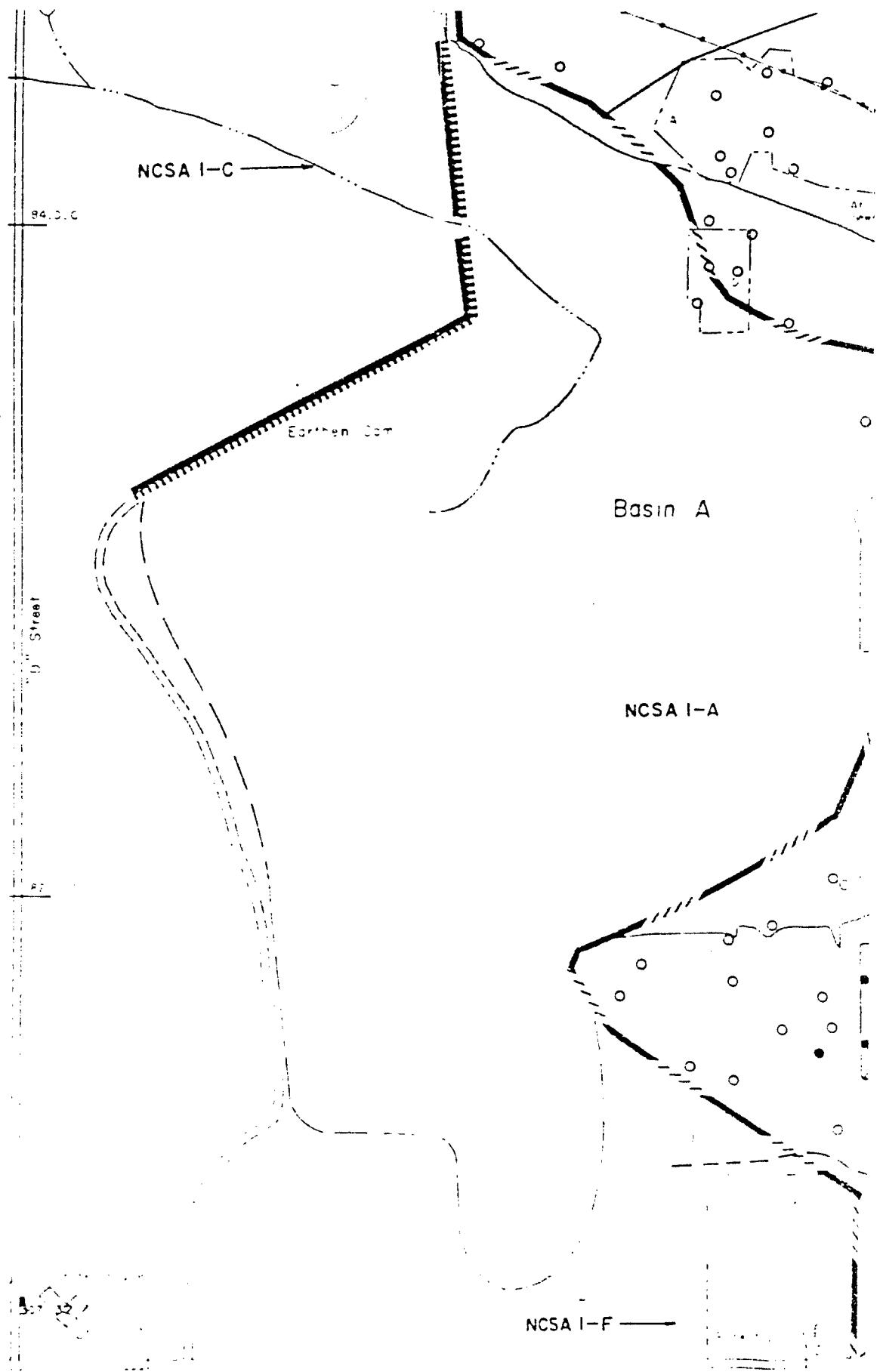


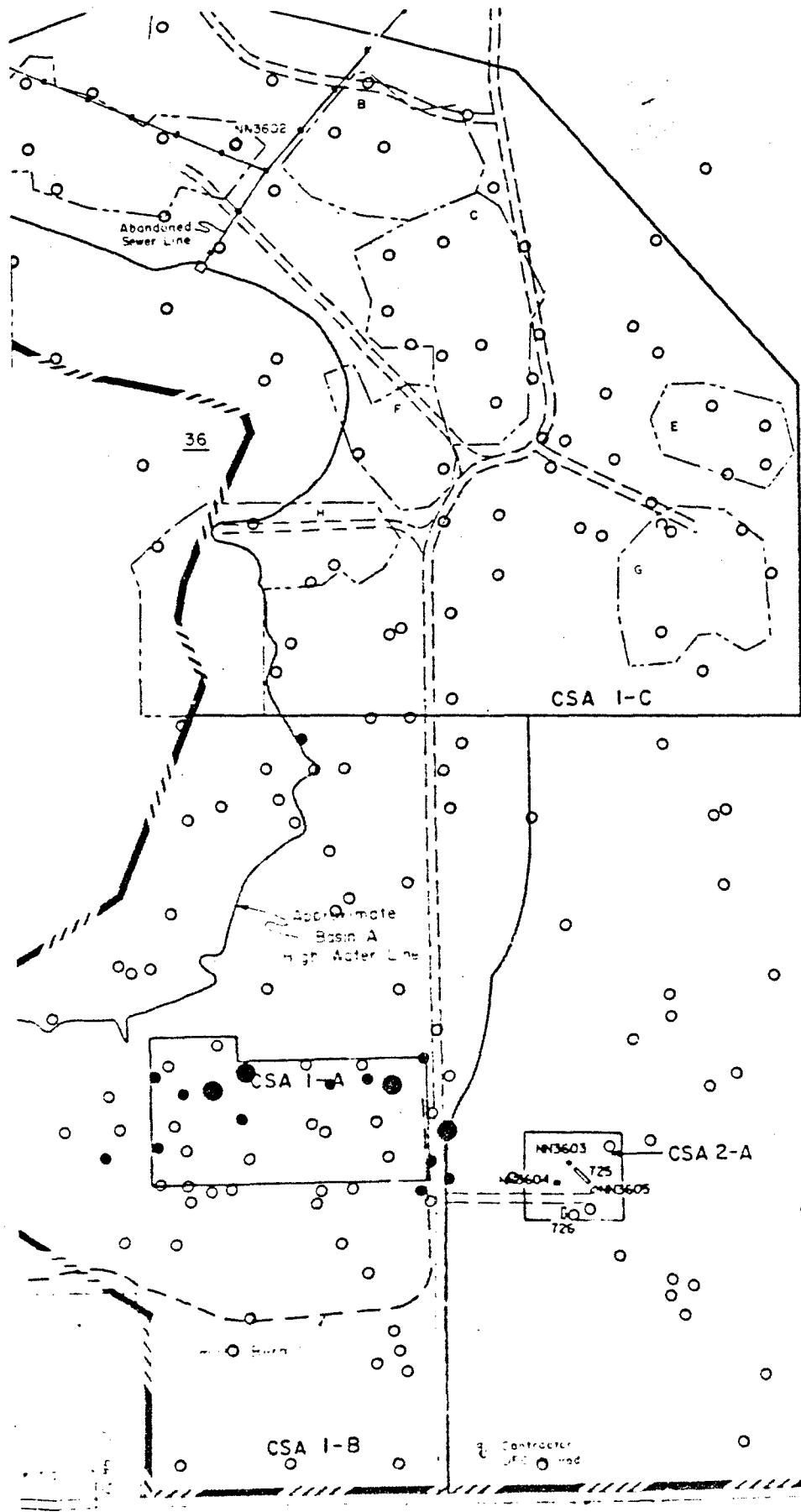
Legend

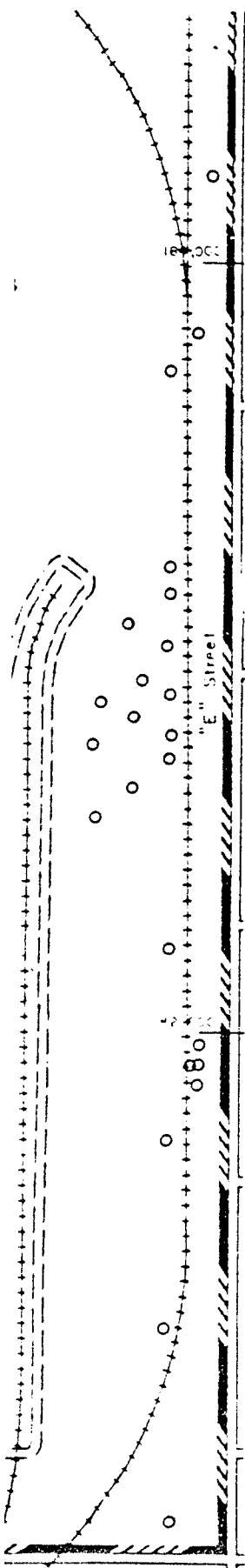
- 186,000 State plane grid  
CSA I-C Site boundary  
B Geophysical anomaly
- Improved road Stream or ditch Central Study Area boundary Railroad tracks
- Unimproved road Shore line Structure Former structure Arsenal boundary Sanitary sewer Chemical sewer
- Section number

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0018 - 1.0
- 1.0 - 10
- 10 - 100
- >100



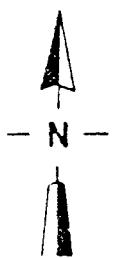




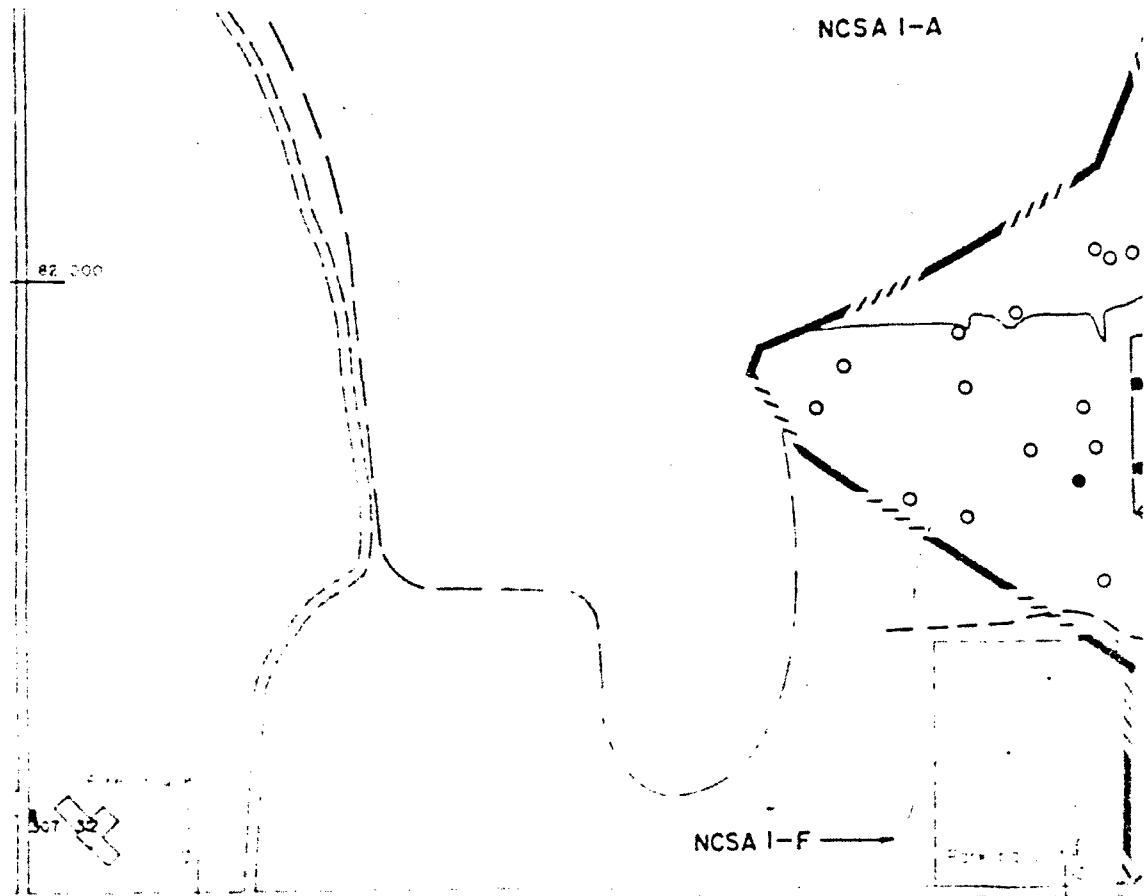
ROCKY MOUNTAIN ARSENAL  
LOCATION

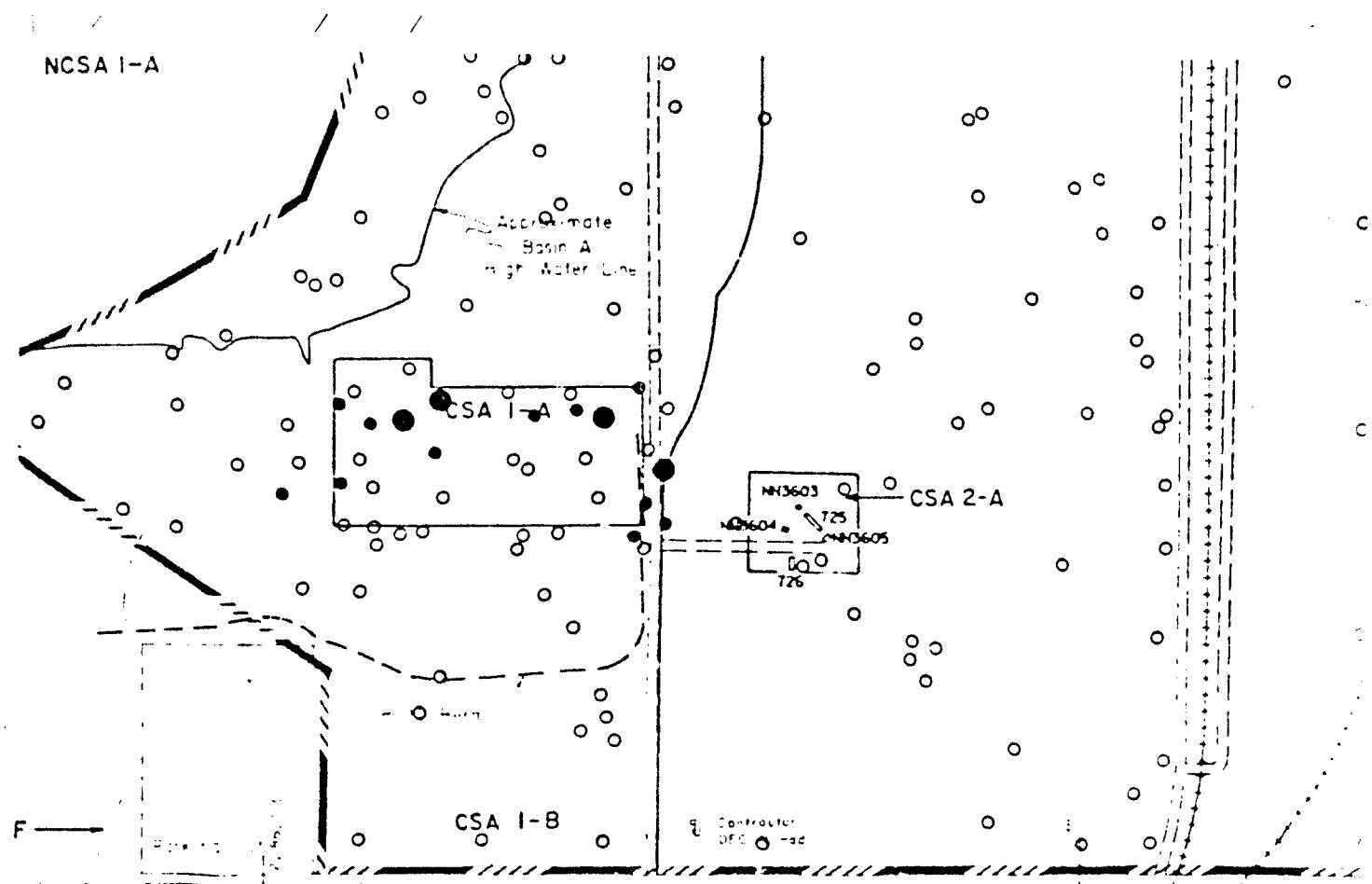
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 3  | 32 |
| 4  | 3  | 2  | 1  | 5  |

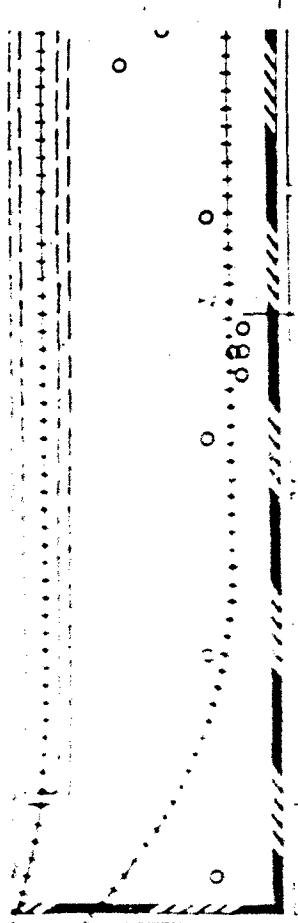
1" = 4 MILES



NCSA I-A



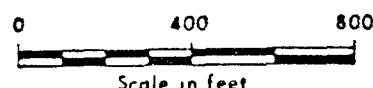
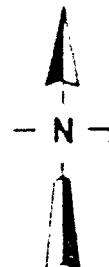




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 21 | 23 | 24 | 9  | 20 |
| 27 | 26 | 25 | 30 | 29 |
| 33 | 34 | 35 | 3  | 52 |
| 4  | 1  | 2  | 1  | 6  |
| 7  |    | 2  | 7  | 8  |

1" = 4 MILES



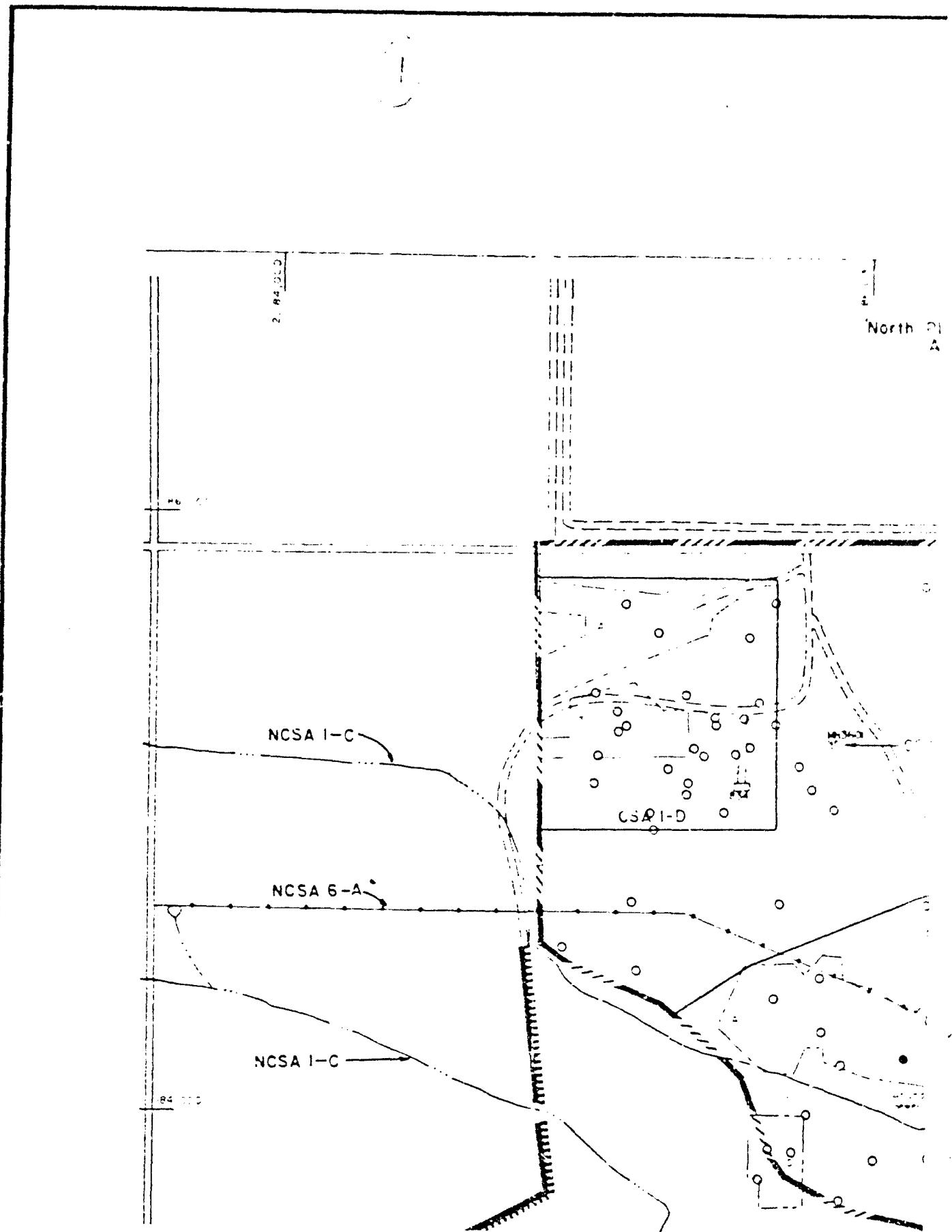
Prepared for:

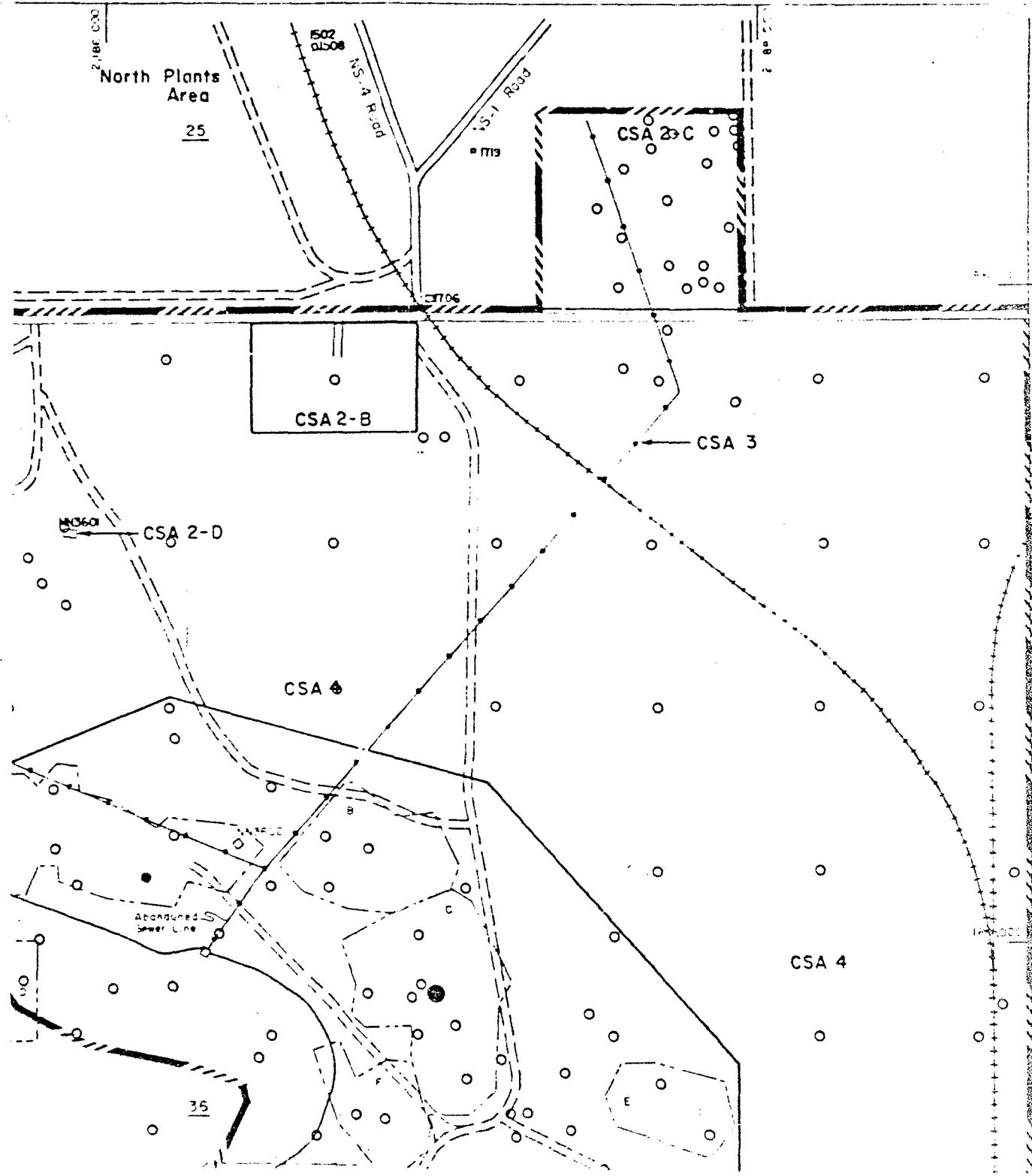
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-42

Semivolatile Halogenated Organic Compounds  
in Soils in the 0-2 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated.



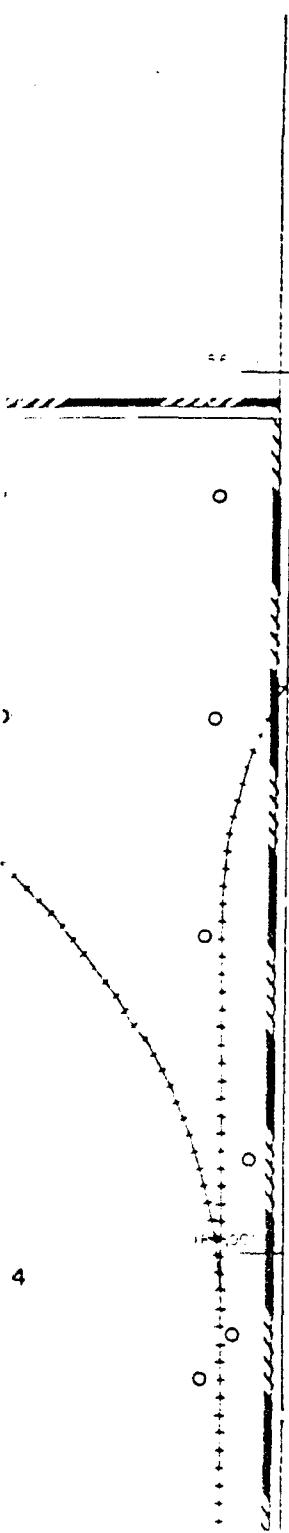


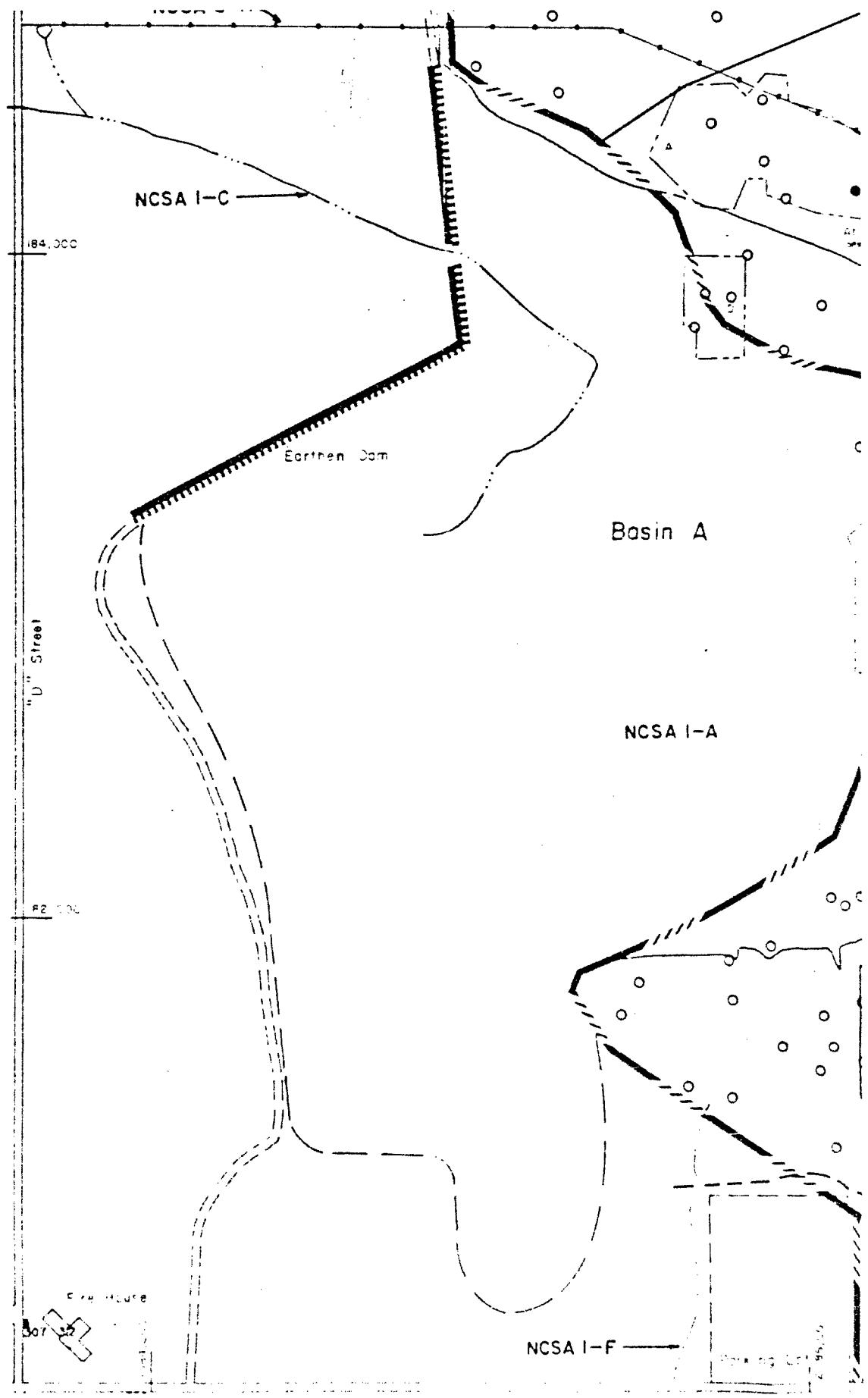
Legend

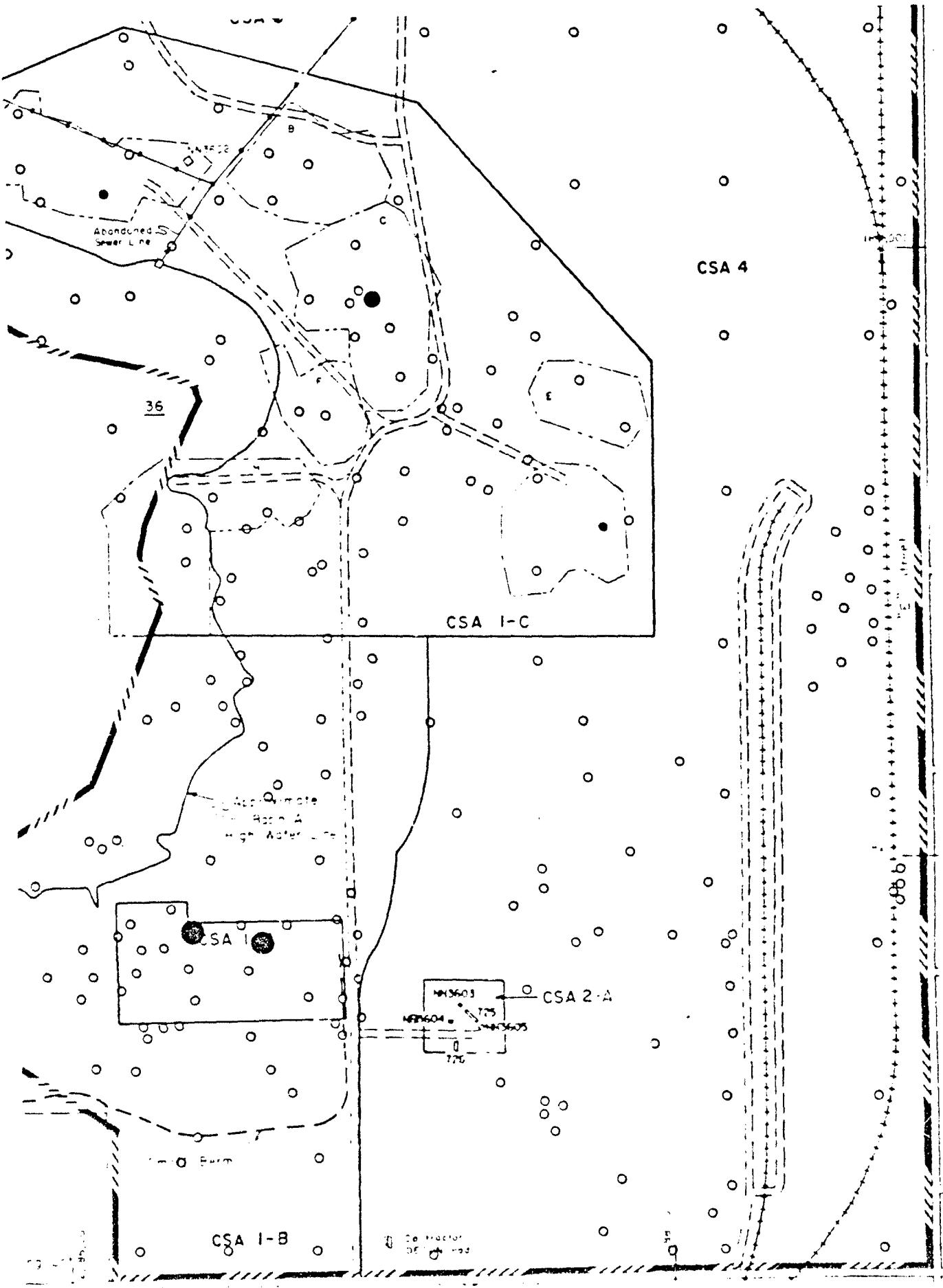
- |                                               |                                    |
|-----------------------------------------------|------------------------------------|
| <u>—</u> <u>—</u> Improved road               | <u>—</u> <u>—</u> Unimproved road  |
| <u>~</u> <u>~</u> Stream or ditch             | <u>○</u> Shore line                |
|                                               | <u>9</u> Section number            |
| <u>186.000</u> State plane grid               | <u>□</u> Structure                 |
| <u>←→</u> Railroad tracks                     | <u>[ ]</u> Former structure        |
| <u>—</u> <u>—</u> Central Study Area boundary | <u>—</u> <u>—</u> Arsenal boundary |
| <u>CSA 1-C</u> Site boundary                  | <u>----</u> Sanitary sewer         |
| <u>—</u> <u>—</u> B Geophysical anomaly       | <u>—</u> <u>—</u> Chemical sewer   |

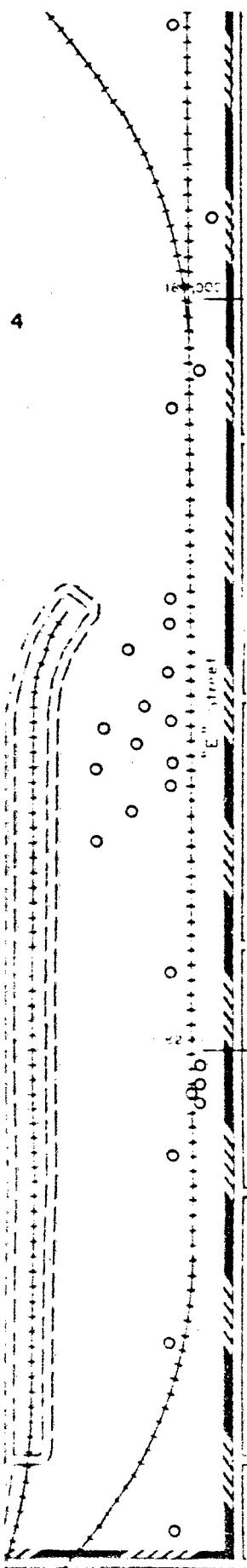
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0018 - 1.0
- 1.0 - 10
- 10 - 100
- >100







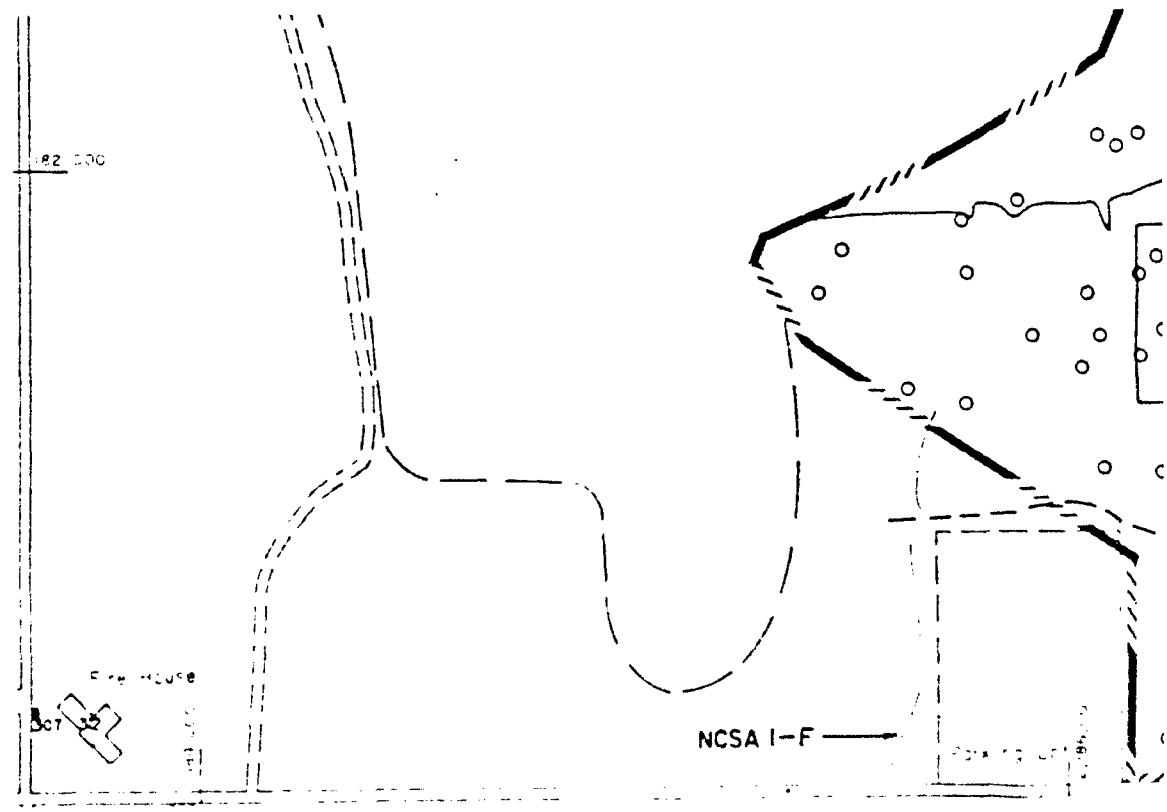


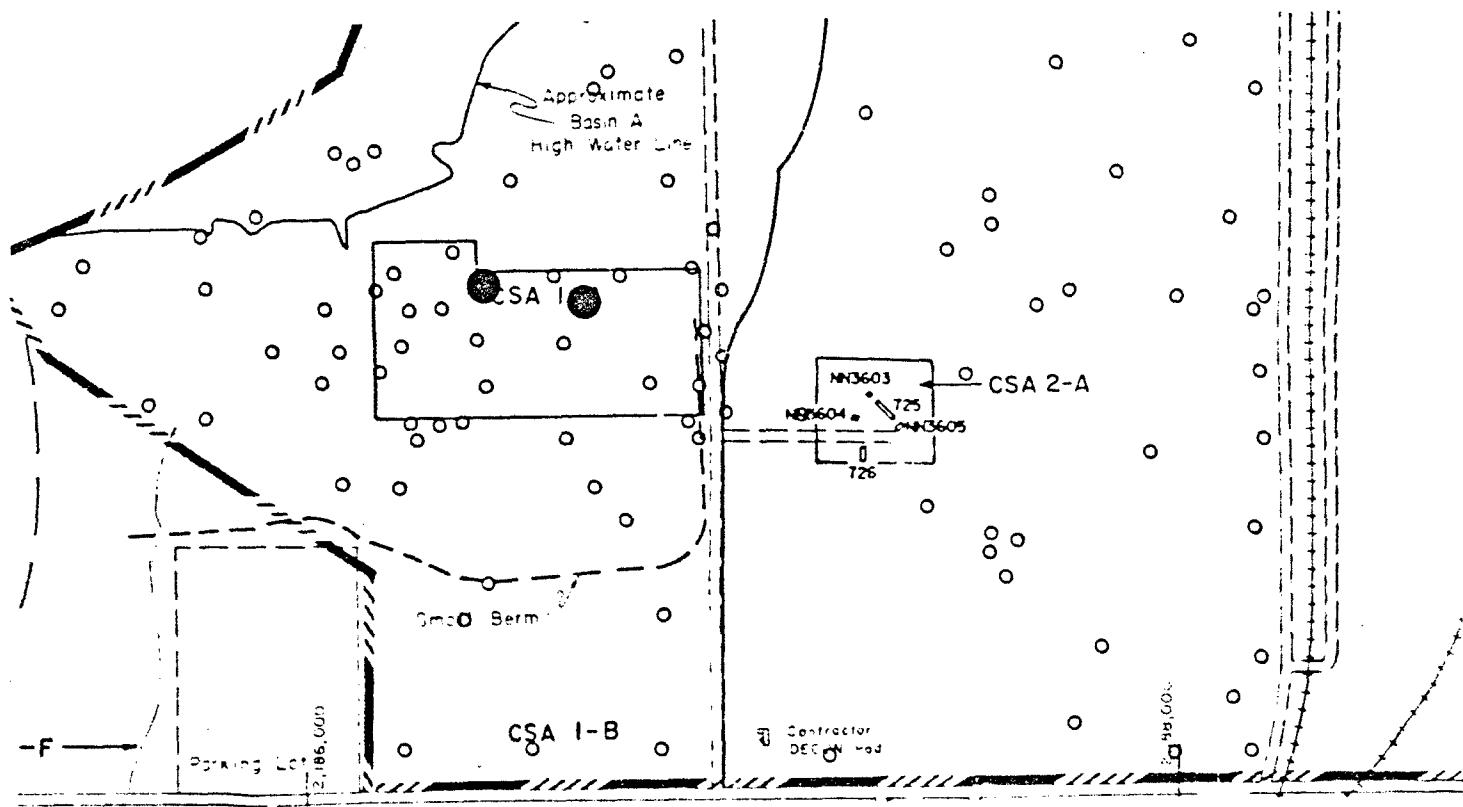
ROCKY MOUNTAIN ARSENAL  
LOCATION

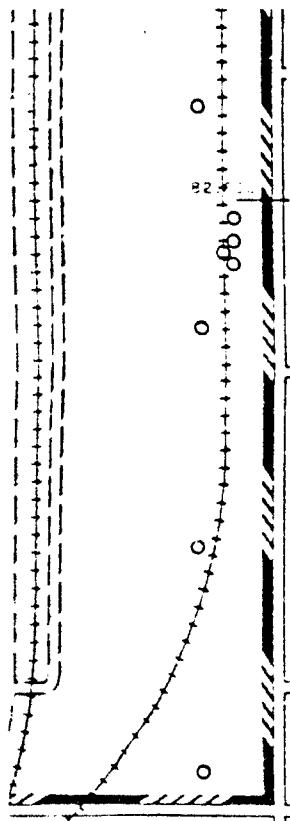
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 1  | 24 | 9  | 20 |
| 28 | 27 | 25 | 26 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    | .. | 2  | 8  |

1" = 4 MILES





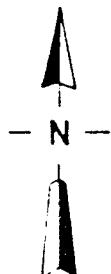




**ROCKY MOUNTAIN ARSENAL  
LOCATION**

|    |    |    |    |    |    |
|----|----|----|----|----|----|
|    | 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 | 29 |
| 33 | 34 | 35 |    | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  | 5  |
| 9  |    |    | 2  | 7  | 8  |

1": 4 MILES



A horizontal scale bar with tick marks at 0, 400, and 800. Below it is the label "Scale in feet".

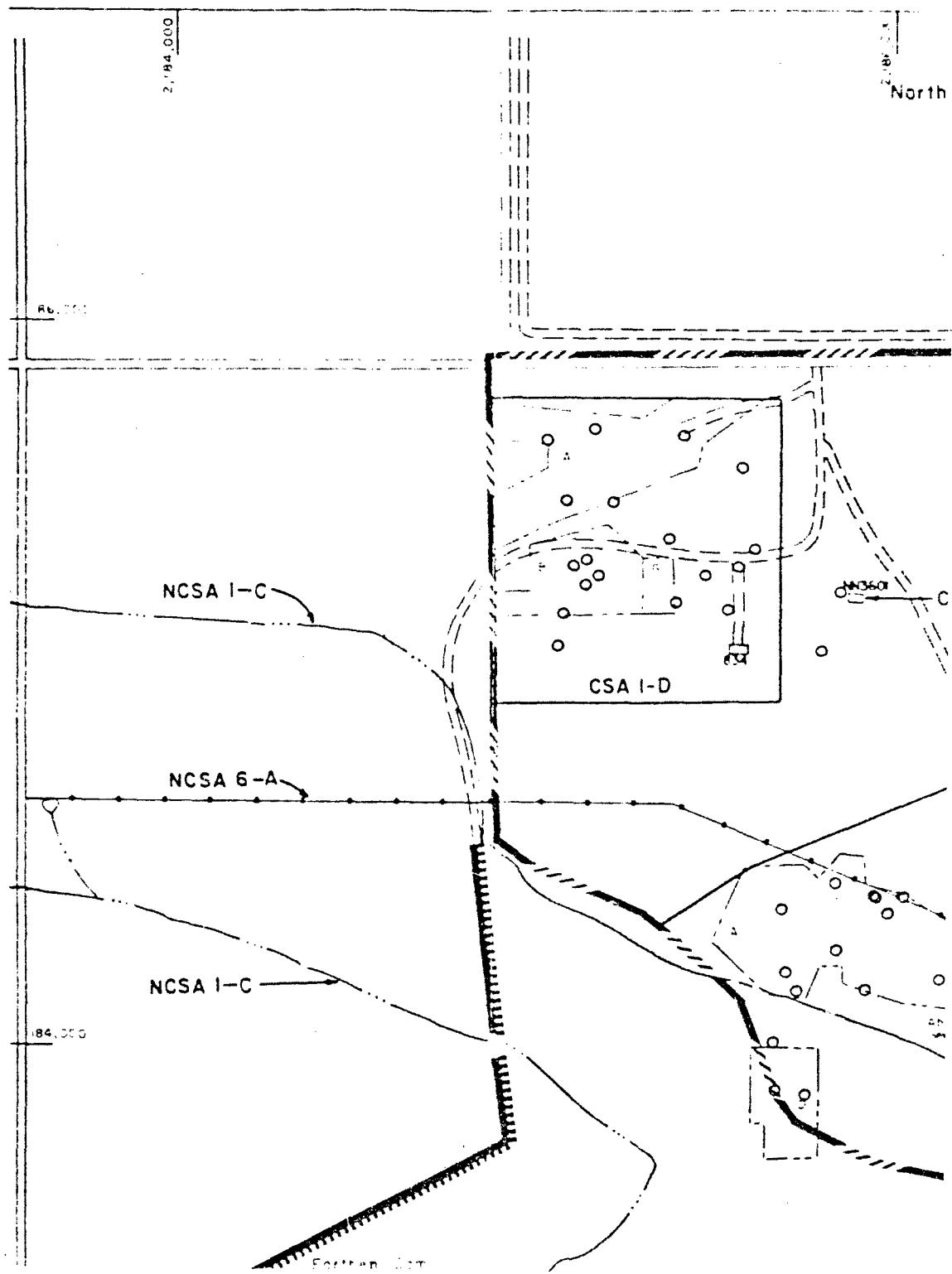
Prepared for:

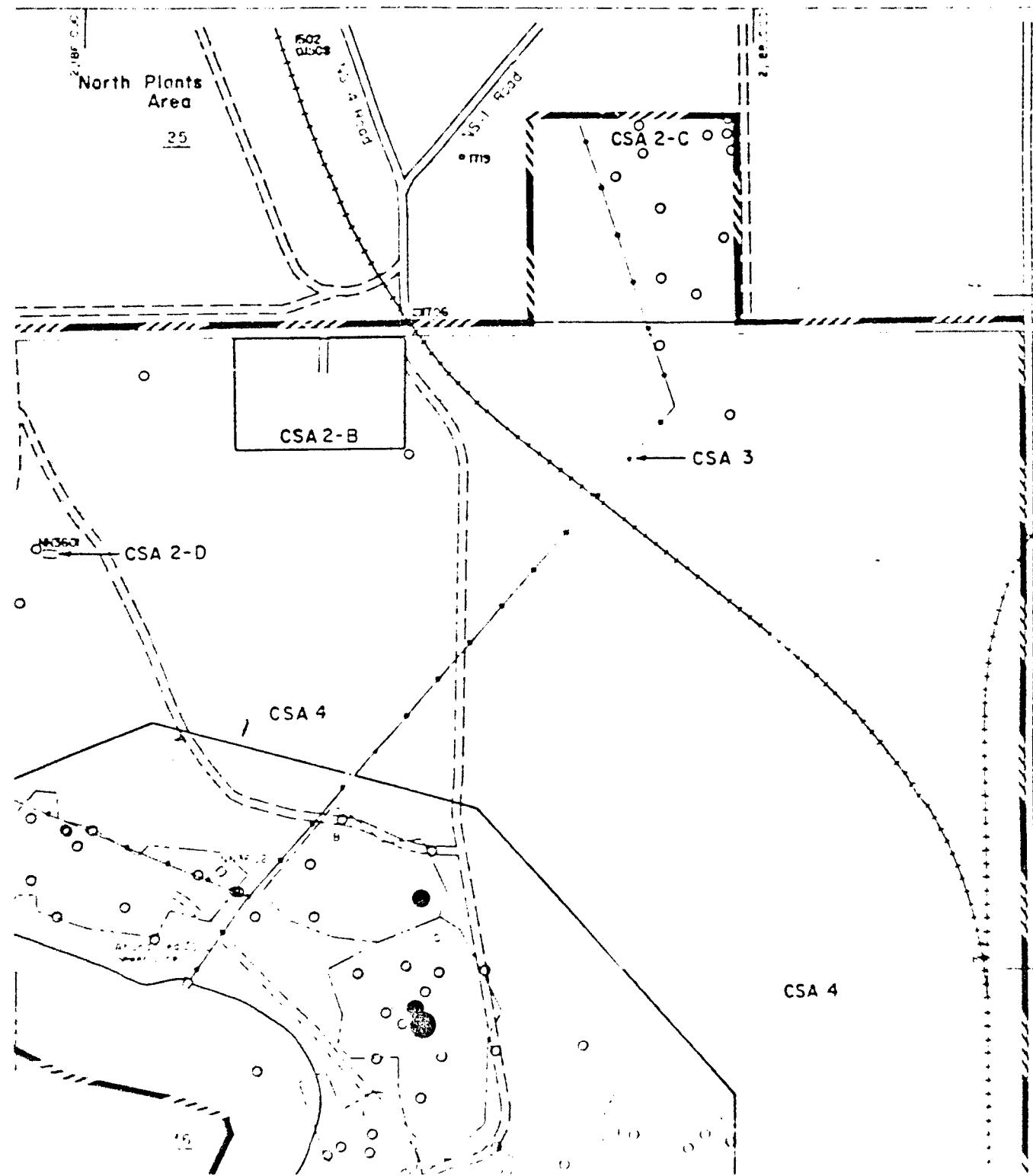
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-43

## Semivolatile Halogenated Organic Compounds in Soils in the 2-5 ft. Interval

Rocky Mountain Arsenal  
Prepared by Ebasco Services Incorporated



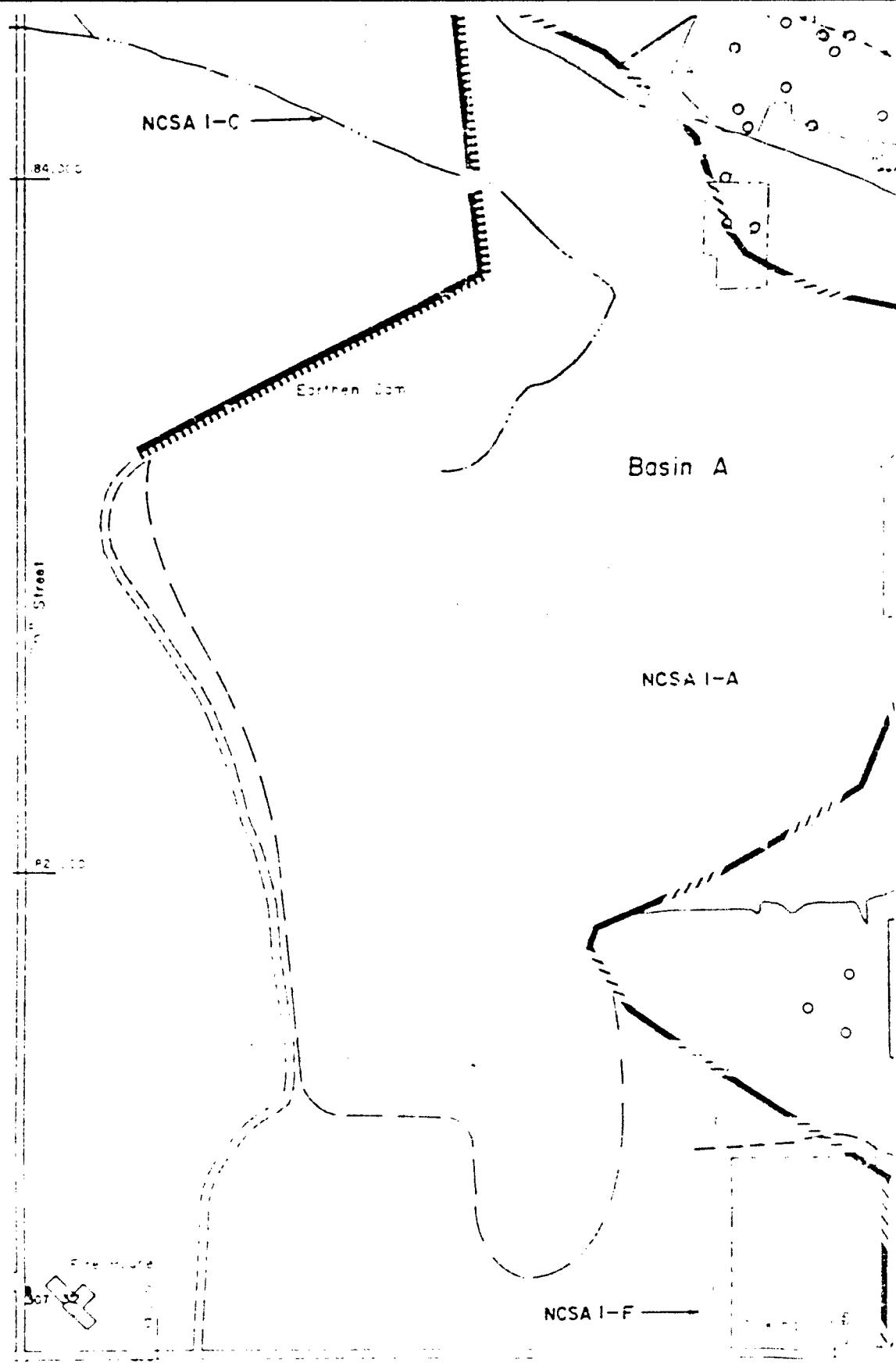


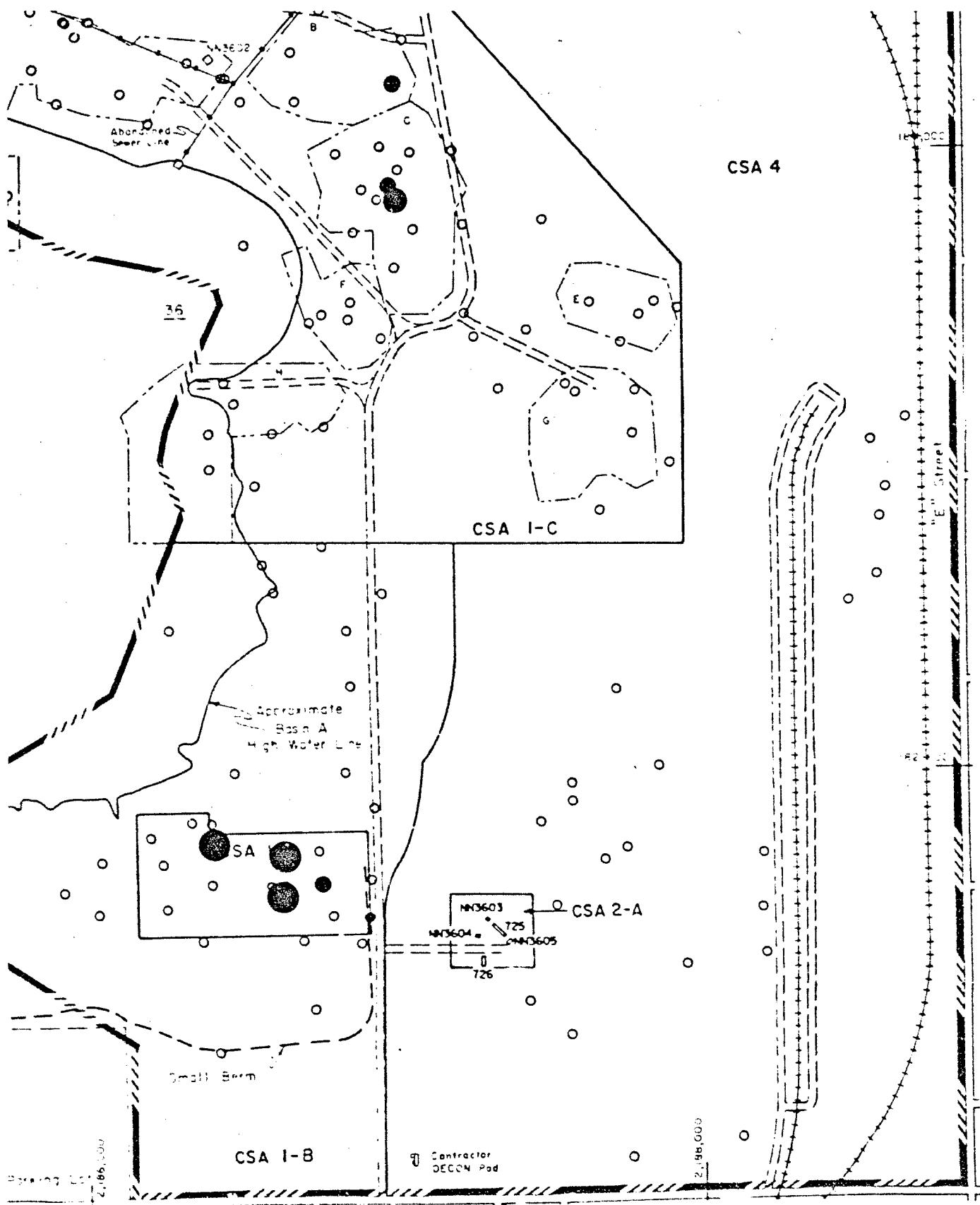
Legend

|                |                             |             |                  |
|----------------|-----------------------------|-------------|------------------|
| <u>====</u>    | Improved road               | <u>====</u> | Unimproved road  |
| <u>~~~~~</u>   | Stream or ditch             | ( )         | Shore line       |
| <u>_____</u>   |                             | <u>9</u>    | Section number   |
| <u>186,000</u> | State plane grid            | [ ]         | Structure        |
| <u>→→</u>      | Railroad tracks             | [ ]         | Former structure |
| <u>-----</u>   | Central Study Area boundary | <u>—</u>    | Arsenal boundary |
| <u>CSA I-C</u> | Site boundary               | -----       | Sanitary sewer   |
| <u>----B</u>   | Geophysical anomaly         | —●—         | Chemical sewer   |

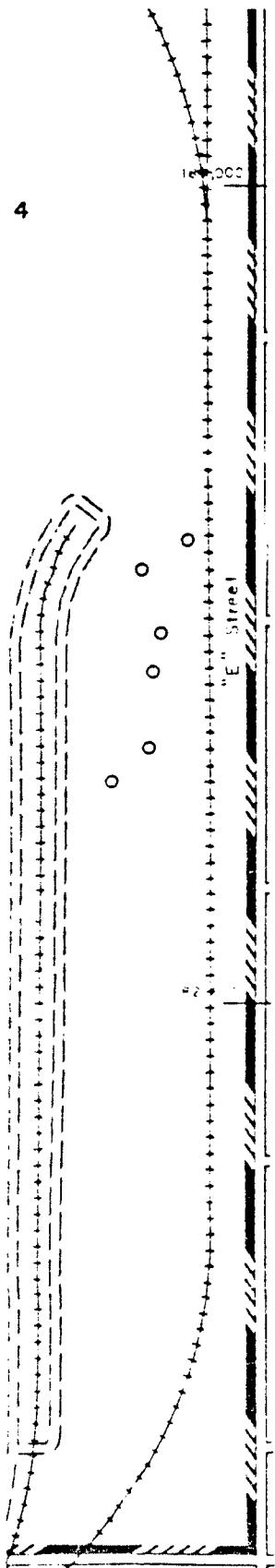
ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0018 - 1.0
- 1.0 - 10
- 10 - 100
- >100





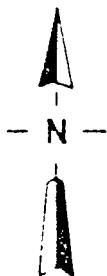
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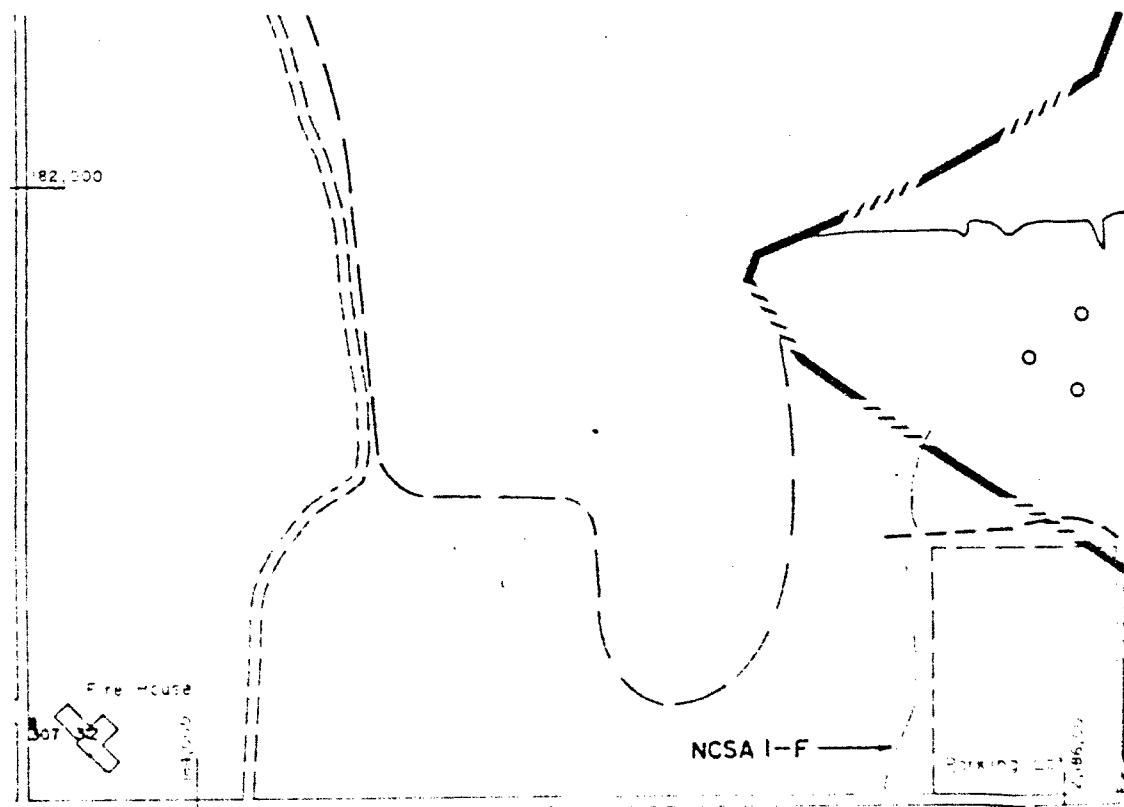
ROCKY MOUNTAIN ARSENAL  
LOCATION

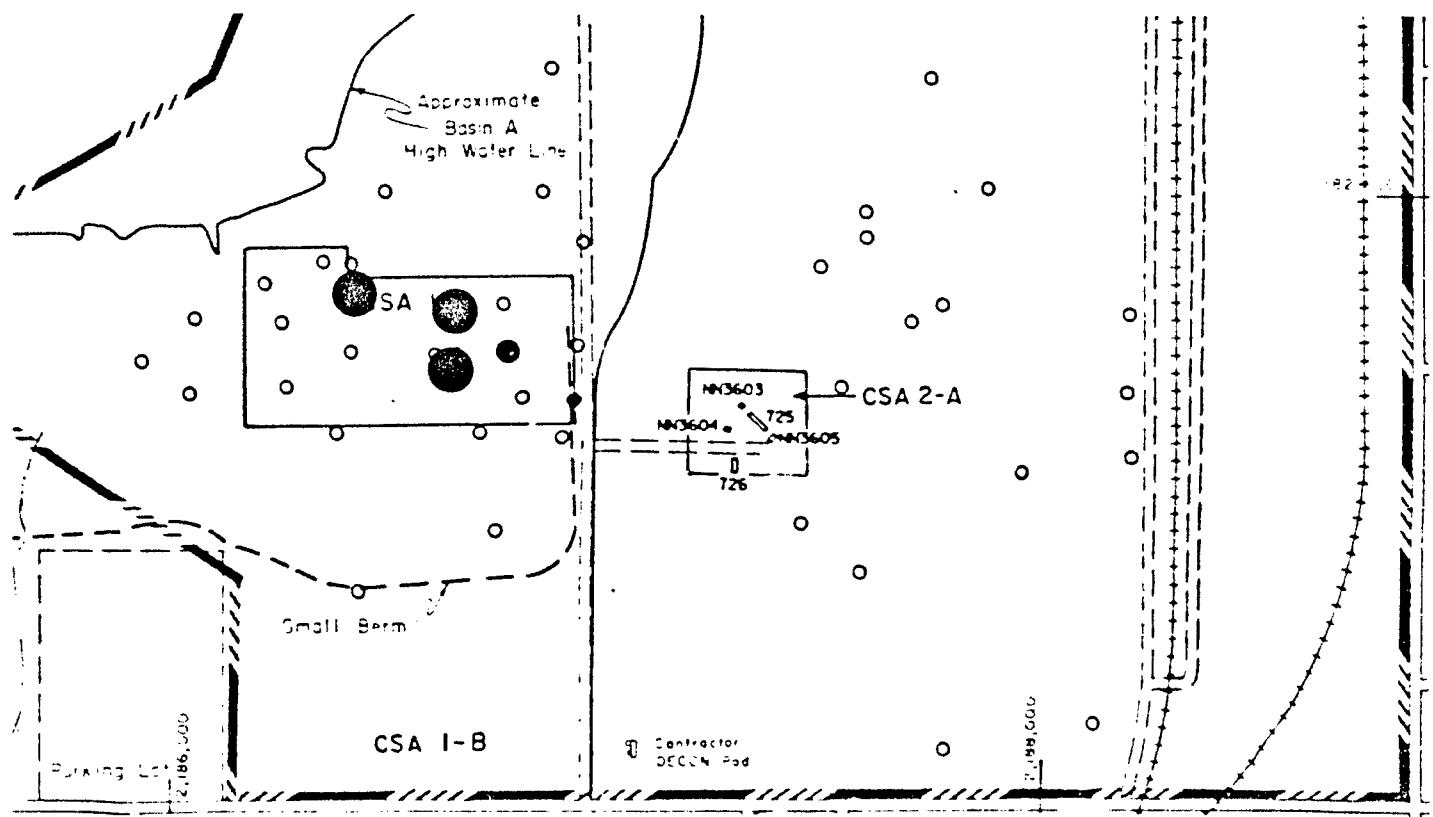
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 25 | 27 | 26 | 28 | 29 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 5  |
| 9  |    |    | 7  | 8  |

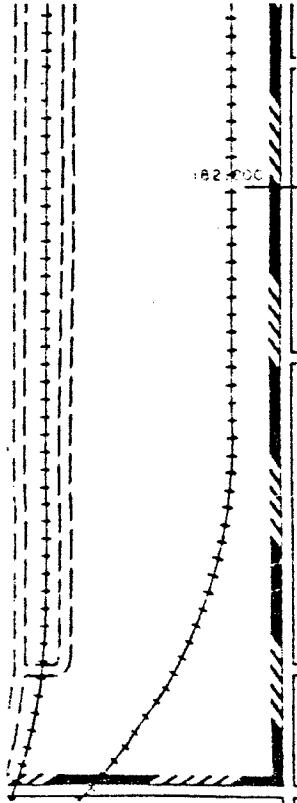
1" = 4 MILES



0 400 800



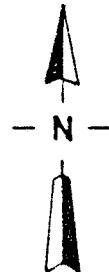




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    |    | 12 | 7  |

1" = 4 MILES



Prepared for:

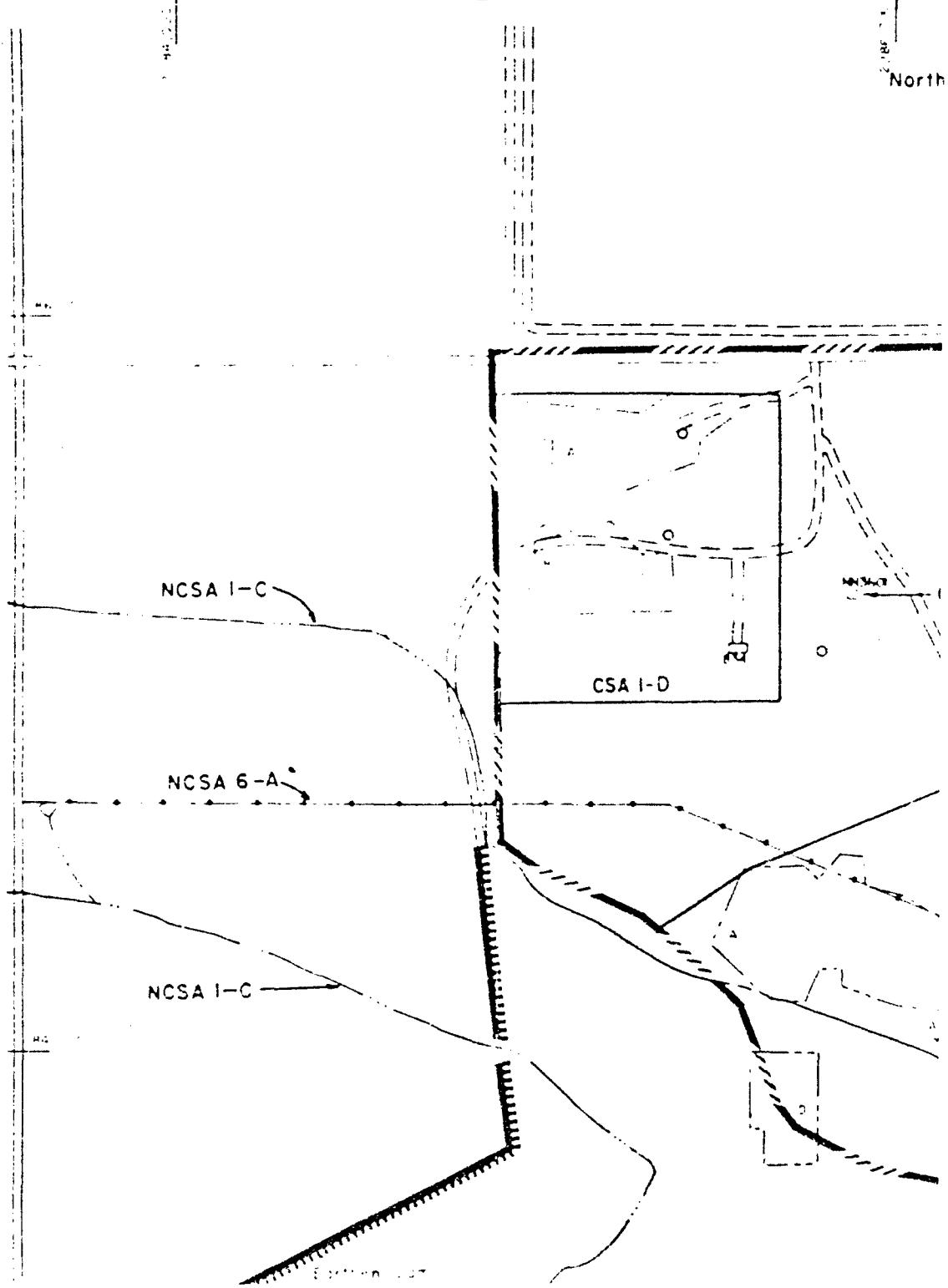
Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

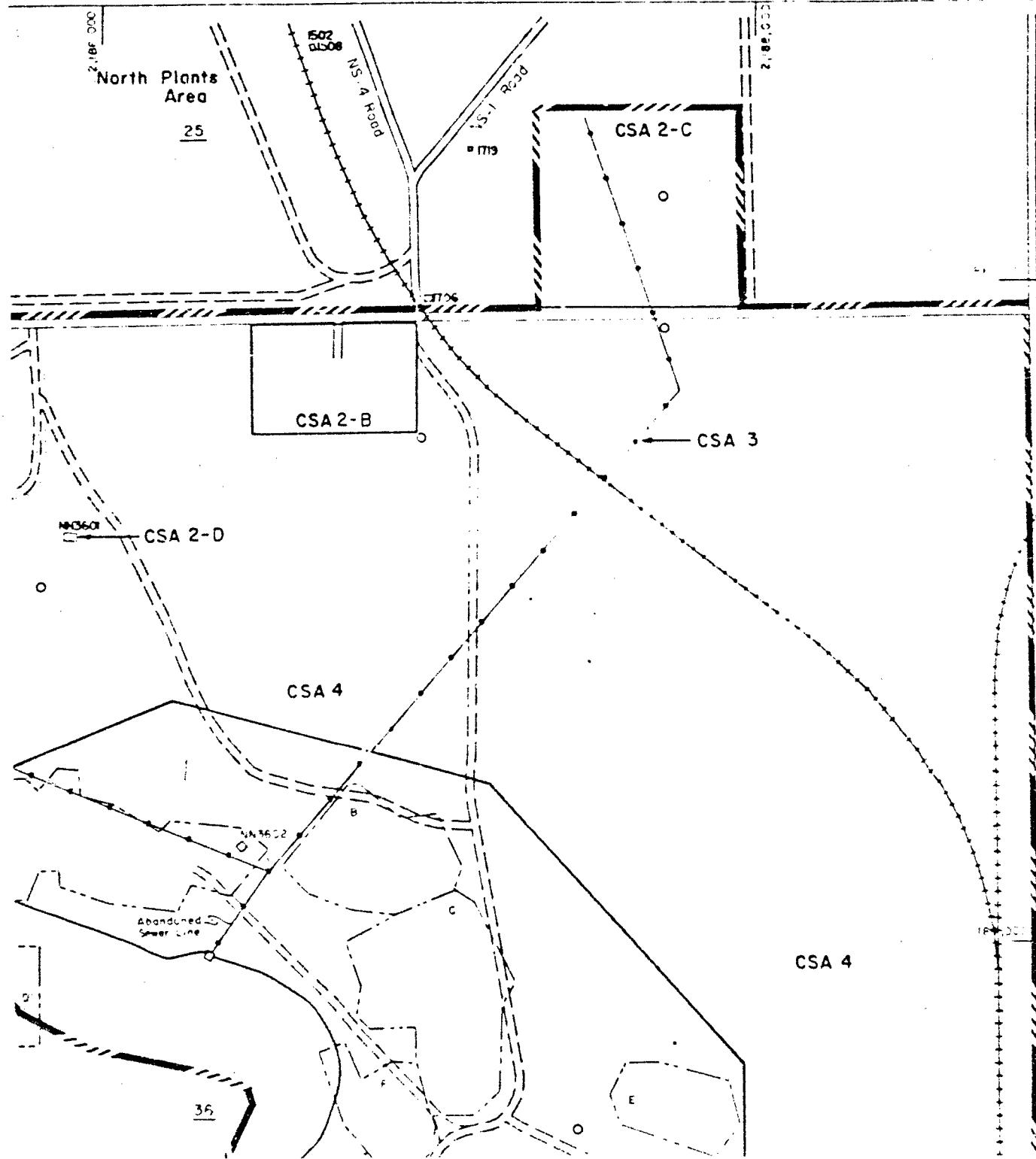
PLATE CSA 2.1-44

Semivolatile Halogenated Organic Compounds  
in Soils in the 5-20 ft. Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated

North



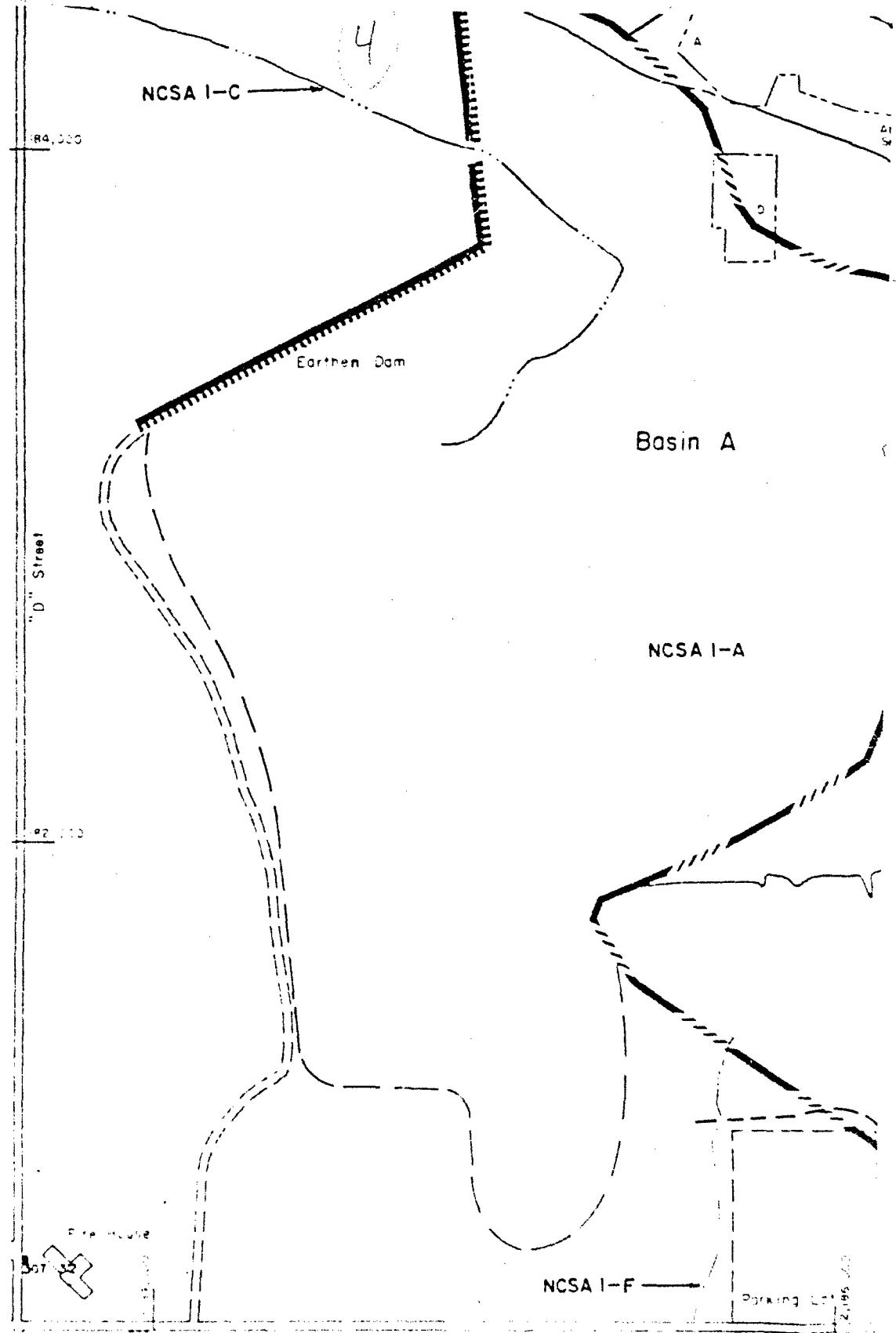


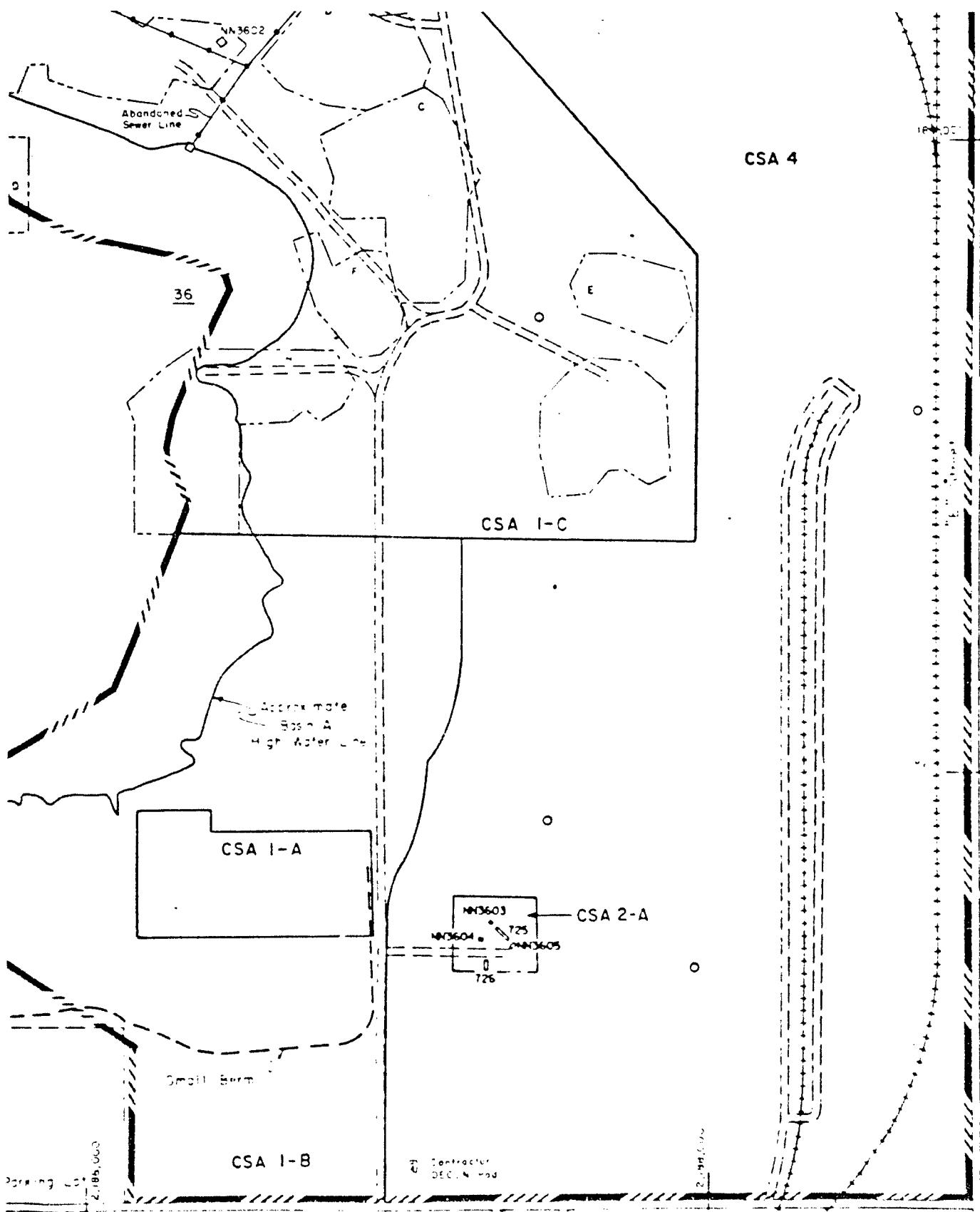
Legend

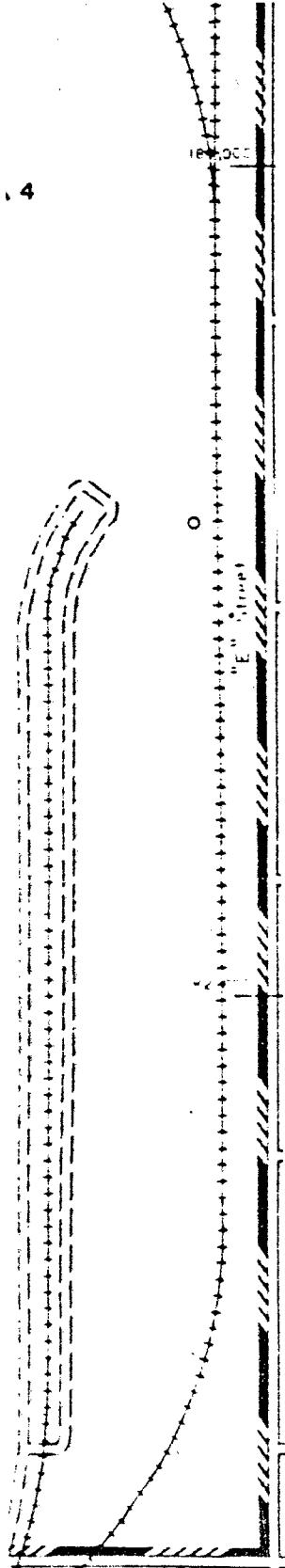
- 3
- |                                          |                             |
|------------------------------------------|-----------------------------|
| <u>—</u> Improved road                   | <u>—</u> Unimproved road    |
| <u>- - -</u> Stream or ditch             | <u>○</u> Shore line         |
|                                          | <u>9</u> Section number     |
| <u>186,000</u> State plane grid          | <u>□</u> Structure          |
| <u>→ ←</u> Railroad tracks               | <u>[ ]</u> Former structure |
| <u>— - -</u> Central Study Area boundary | <u>— -</u> Arsenal boundary |
| <u>CSA I-C</u> Site boundary             | <u>— — —</u> Sanitary sewer |
| <u>— — 8</u> Geophysical anomaly         | <u>— ■ —</u> Chemical sewer |

ANALYTE SAMPLE LOCATION  
AND CONCENTRATION (ug/g)

- Below Certified Reporting Limit (BCRL)
- 0.0018 - 1.0
- 1.0 - 10
- 10 - 100
- >100



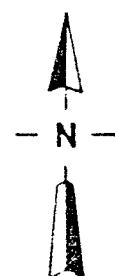




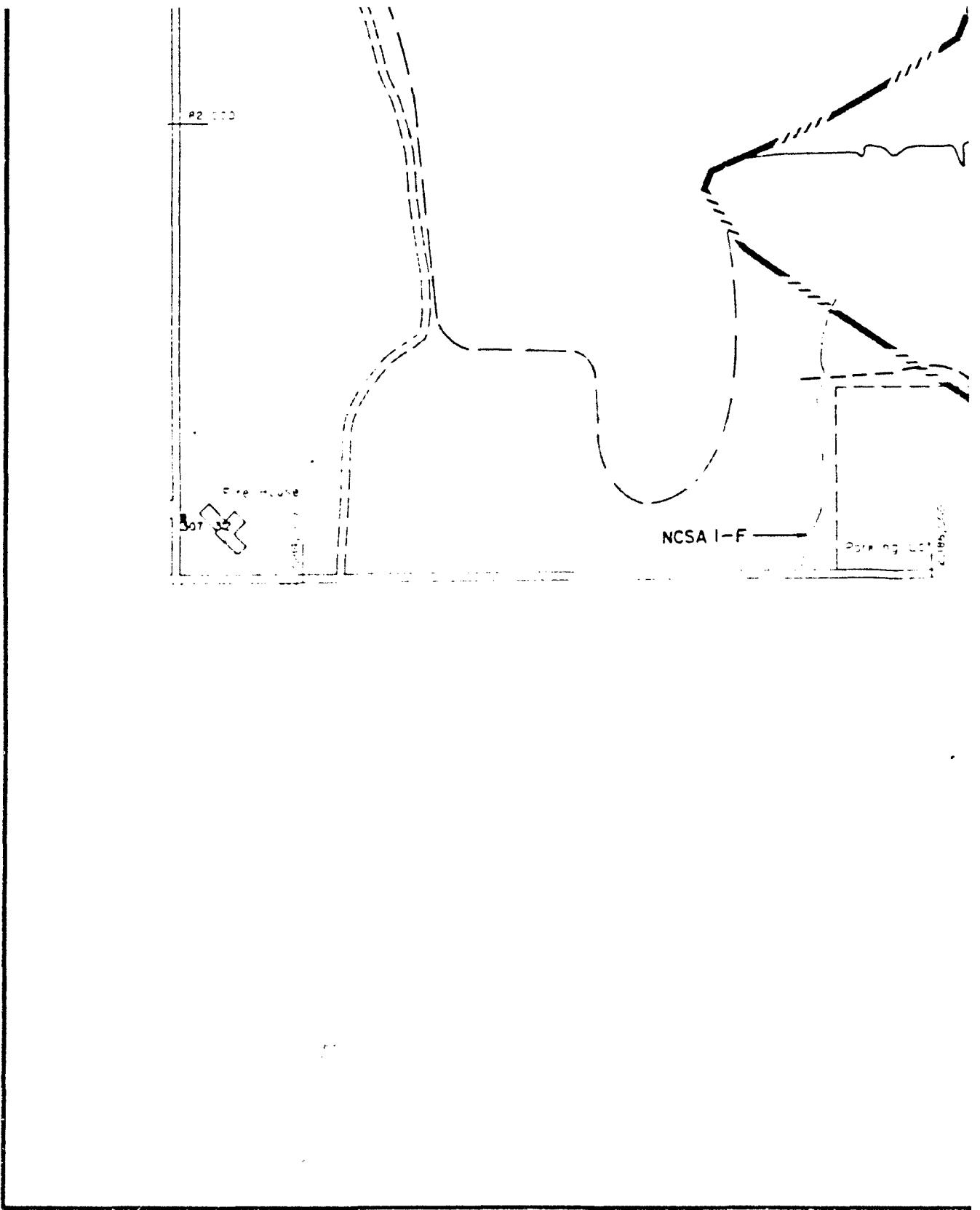
ROCKY MOUNTAIN ARSENAL  
LOCATION

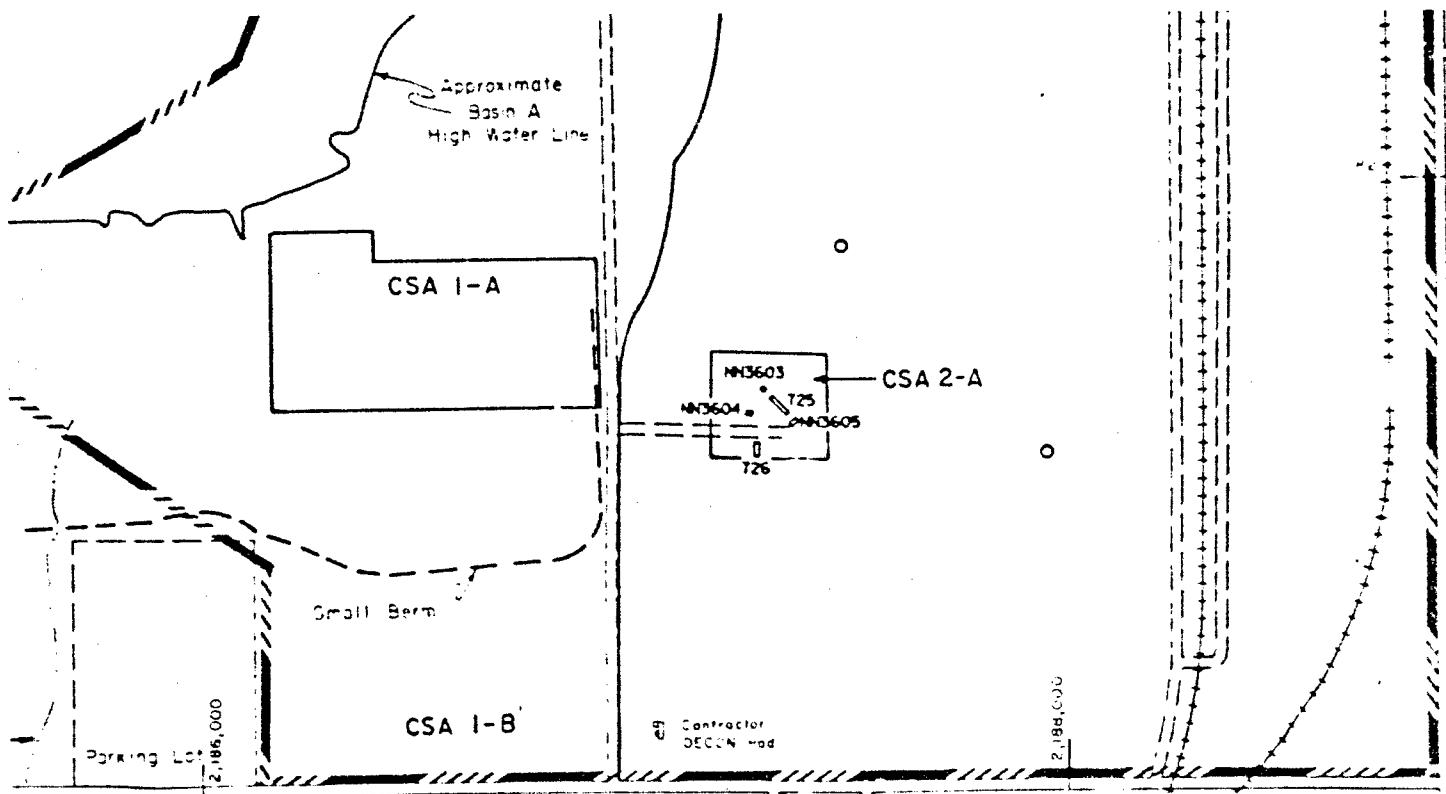
|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 19 | 20 |
| 28 | 27 | 26 | 25 | 30 |
| 33 | 34 | 35 | 36 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    |    | 2  | 7  |

1" = 4 MILES



0            400            800

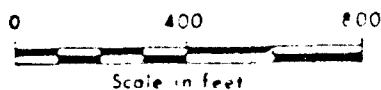
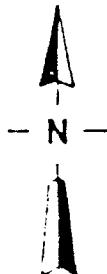




ROCKY MOUNTAIN ARSENAL  
LOCATION

|    |    |    |    |    |
|----|----|----|----|----|
| 22 | 23 | 24 | 9  | 20 |
| 28 | 27 | 26 | 24 | 35 |
| 33 | 34 | 35 | 31 | 32 |
| 4  | 3  | 2  | 1  | 6  |
| 9  |    |    | 7  | 8  |

1" = 4 MILES



Prepared for:

Program Manager's Office for  
Rocky Mountain Arsenal Cleanup  
Aberdeen Proving Ground, Maryland

PLATE CSA 2.1-45

Semivolatile Halogenated Organic Compounds  
in Soils in the > 20 ft Interval

Rocky Mountain Arsenal  
Prepared by: Ebasco Services Incorporated